

[]

{ Chorro
San Cristobal
Tritunayo
Lucachaca
San Jacinto }

Jan through Sept. 6
1937

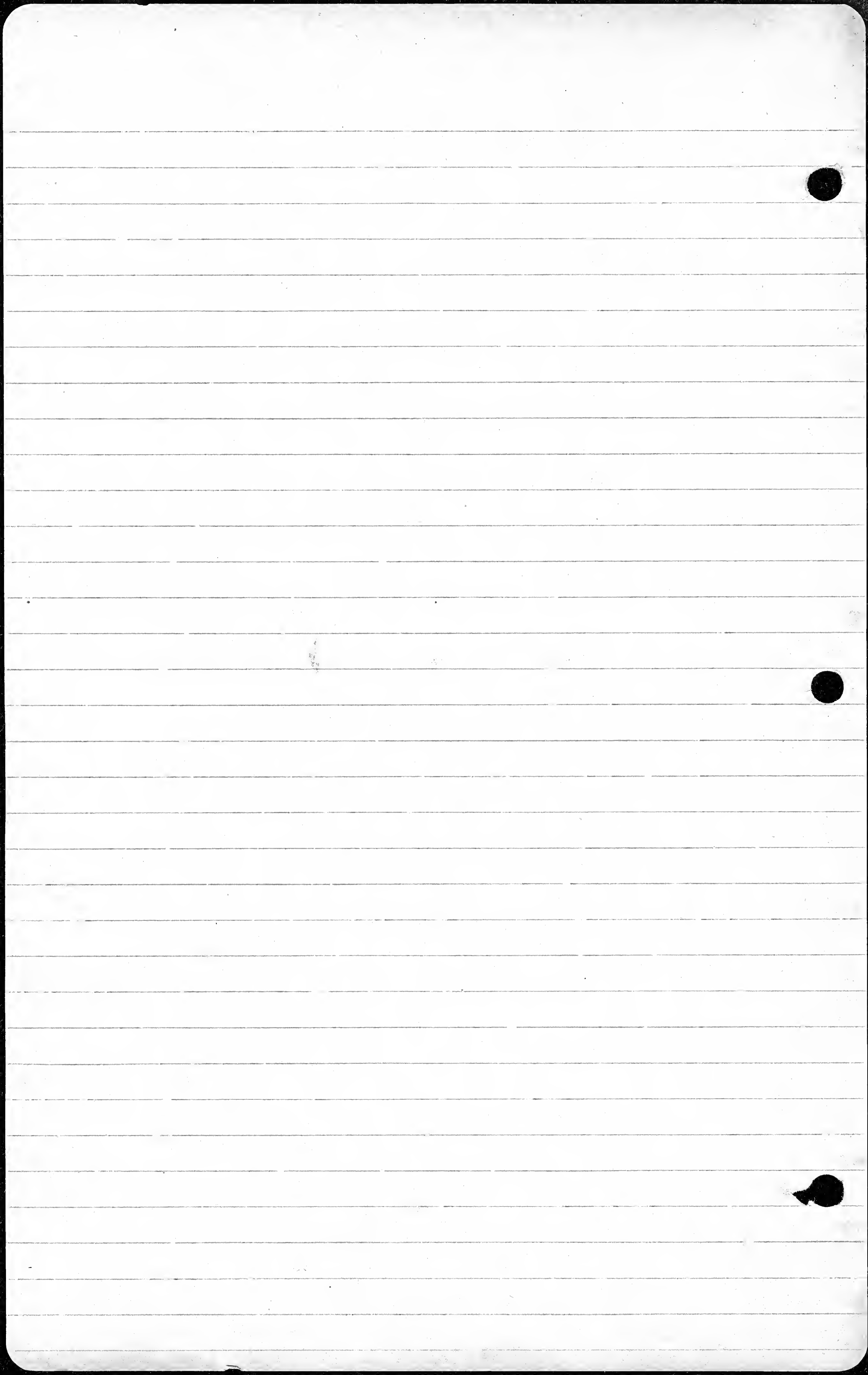
Palmar
Toda Santa

13702 to 15638

3rd Bolivian Expedition
1937-8

MacCannick Jr.

1st Part



Dpto Cocahambá año de 1937

X

[2]

✓ Choro día 4 de Enero

13702 *Cyanolycia* v. *viridi-cyanea* 289 ♀
graganda con collar blancopartido

13703 ✓ " " 398 ♂
brown | black | black

13704 *Cacicus chrysomatus* 265 ♀
pale blue | pale lean blue, ridge yellowish | black

13705 *Ampelion rubro-cristata* 215 ♀
brown red | bluish plus locally, tip black | black

13706 *Ochthoeca* v. *rufopectoralis* 122 ♀
brown | black | black
rufous in alar recesses and a narrow band of bluish on the side

13707 *Aglaeactis pamea* 121 ♂
black | black

black with a narrow white line

Choro 7 Enero

13708 *Aglaeactis pamea* 122 ♂
Pico y Pasa ojos negros

13709 *Metallura aeneicauda* 95 ♂
black | black

13710 ✓ " " 104 ♂

13711 *Troglodytes musculus* pona 114 ♂
brown | black, bluish plus below | brown hair

13712 *Mecocerculus l. leucophrys* 142 ♂
brown | black | black

X

✓ 13713 Mecocerculus leucophrys 146 ♂
dark black black

✓ 13714 Atlapetes rufinuchus 175 ♀
Pieris i Pallas g. in

✓ 13715 " " " 173 ♂

✓ 13716 Saltator aurantirostris bolivianus 234 ♂
Pieris i Pallas g. in

✓ 13717 Myiotheretes s. striatocollis 225 ♂
Pieris i Pallas g. in

Chrys 8 Green

✓ 13718 Spizitornis parulus aequatorialis 155 ♂
Pieris i Pallas g. in

✓ 13719 Helianthea voliter 146 ♂*

✓ 13720 Mecocerculus leucophrys 150 ♂
Pieris i Pallas g. in

✓ 13721 Tangara vassori atricaerula 135 ♀
Pieris i Pallas g. in | but black, leaden when

✓ 13722 " " " 135 ♀

✓ 13723 Anosigmatus lunulata igniventris 173 ♂*
Pieris i Pallas g. in

X

13724 ✓

= 13723

1741

13725 ✓

1798

13726 ✓

Ampelio rubri-cristata

252 ♂

off. (blackish) black fl. tanally, tip black | black

13727 ✓

Bothraupis m. montana

218 ♀

off. (blackish) black | black

13728 ✓

Turdus chiquanco anthracina

306 ♀

Pico (black) Puffin (yellow) sp. gr.

chicos 9 Grues

13729 ✓

Metallura oenicauda

102 ♀

black | black

13730 ✓

Meocercus l. leucophrys

135 ♀

brown | black | black

13731 ✓

Conirostrum ferrugineiventre

135 ♀

brown | black | black

-13732 ✓

Margarornis s. squamiger

153 ♂

brown | black, fl. black | leaden

13733 ✓

Myioborus melanocephalos bol.

135 ♂

brown | black | black

13734 ✓

Ochthoeca r. retropectoralis

132 ♂

brown | black | black

X

✓ 13735 *Margaritis squamiger* 144 ♀
 brown | black, flesh below | leaden
 white 10 6/16

✓ 13736 *Nothoprocta ornata* (M) 355 ♀

✓ 13737 *Spizitornis parulus aequa.* 102 ♂
 yellow | black | black

✓ 13738 *Conirostrum* ? 115 ♂
 brown | black | black

✓ 13739 *Schizoecca harterti* 161 ♂
 brown | black, flesh below | leaden

✓ 13740 *Basileuterus signatus flaviventris* 136 ♂
 brown | black | yellowish brown

✓ 13741 *Myioborus melanocephalus bol.* 142 ♂
 brown | black | black

✓ 13742 *Diglossa carbonaria* 137 ♂
 brown | black, pale at base below | black

✓ 13743 *Pooecetes hypochondriaca* 166 ♂
 brown | black, brown blue below | blackish

✓ 13744 *Anthus rufescens* 153 ♂
 brown | black, flesh below | black

✓ 13745 *Alapetes rufinuchus* 175 ♂
 brown | black | black

✓ 13746 *Buarremon x. Torquatus* 190 X
 brown | black | leaden

13747 ✓ Saltator aurant. bolivianus 226 ♂
brown | orange-red | leaden

13748 ✓ Bothraupis m. montana 228 ♂
brown | black, plum at base below | black

13749 ✓ Psilopsiagon orbigny (M) 180 ♀
brown | leaden blue, plum below | brown plum

Saneristhal 12 June altitude 2,900 P.

13750 ✓ Andigena cucullatus 133 ♀
brown | olive green basally, black apically

13751 ✓ Squirrel 465 ♀

13752 ✓ Andigena cucullata 44 ♀

13753 ✓ Falco sparverius 284 ♀
brown | leaden blue basally black apically | orange

13754 ✓ Trogoceros personatus 283 ♂
brown | yellow | brown

13755 ✓ Pipreola arcuata 244 ♂
yellow | crimson | scarlet

13756 ✓ Xiphocolaptes pram. lineaticaps 308 ♂
brown | leaden blue | leaden

X

- 13757 ✓ *Compsocoma flavinucha* 185 ♂
brown | black | black
- 13758 ✓ " " " 188 ♂
- 13759 ✓ " " " 188 ♂
- 13760 ✓ *Pseudocolaptes boissonanti* 207 ♀
brown | black; flut. mainly below | leaden
- 13761 ✓ *Margarornis s. squamiger* 169 ♀
brown | black, flut. below | leaden
- 13762 ✓ *Pooeciza t. torquata* 139 ♂
brown | black, brown blue below | blackish
- 13763 ✓ *Heliothoea volifer* 149 ♂
black | black
Labels written to here
- 13764 ✓ *Pseudocolopteryx acutipennis* 166 ♂
brown | black | black
- 13765 ✓ " " " 176 ♂
- 13766 ✓ " " " 178 ♂
- 13767 ✓ *Thlypopsis ruficeps* 124
brown | black, leaden below | leaden

13768 ✓ *Agelaius phoeniceus* 149 ♂
black \ black

13769 ✓ *Anthus rufescens* 149 ♂
brown \ black, paler at base below \ dark, pink

13770 ✓ *Phoenicurus phoeniceus* 216 ♂
brown \ black \ leaden
Chick 13 *phoeniceus*

13771 ✓ *Diglossa carolinensis* 185 ♀
brown \ black, paler at base below \ black

13772 ✓ *Poocypiza hypochrysa* 151 ♂
brown \ black, paler below \ black

13773 ✓ *Pseudocolaptes auratus* 218 ♂
brown \ black, paler below \ black

13774 ✓ *Cyanolyca viridicyanea* 383 ♂
yellow \ black \ black
Chick 14 *viridicyanea*

13775 ✓ *Cyanolyca viridicyanea* 290 ♀

13776 ✓ *Tyranniscus uropygialis* 112 ♂
brown \ black \ blackish leaden

13777 ✓ *Diglossa carolinensis* 135 ♂
brown \ black, paler at base \ black

13778 ✓ " " 134 ♂

- X
- 13779 ✓ same as 727-8 1378
- 13780 ✓ *Butoropsis m. montana* 218 ♂
 brown | black, pink at base below | black
- 13781 ✓ *Falco sparverius* 290 ♀
 brown | leaden blue locally; black tip | yellow
- 13782 ✓ *Chrysoptilus m. melanocornus* 313 ♂
 yellow | black | leaden
- 13783 ✓ " " " 304 ♀
- 13784 ✓ *Spinus olivaceus* 125 ♂
 brown | black, brown blue below | black
- 13785 ✓ " " " 125 ♂
- 13786 ✓ " " " 122 ♀
- 13787 ✓ " " " 127 ♀
- 13788 ✓ " " " 129 ♀
- 13789 ✓ " " " 123 ♀
- 13790 ✓ *Scytalopus* sp. 108 ♀
 brown | black | brown brown

Chorus 15 Eurus

- 13791 ✓ *Zoylatopen* sp. — 102 ♂
brown | black | brown brown
- 13792 ✓ *Spodiornis jardini* 125 ♂
brown | black, dark brown below | dark brown
- 13793 ✓ *Canivestrum ferrugineiventer* 126 ♂
brown | black | blackish
- 13794 ✓ " " " 120 ♀
- 13795 ✓ *Catamenia a. analis* 128 ♂
brown | yellow | leaden black
- 13796 ✓ *Tyranniscus uropygialis* 112
brown | black, pink at base below | leaden
- 13797 ✓ *Ochthoeca l. leucophrys* 143 ♂
brown | black | black
- 13798 ✓ *Anthes rufescens* (??) 159 ♂
brown | black, pink below breast | pink
- 13799 ✓ *Zonotrichia capensis* — 106 ♀
brown | black, brown above black | dusky brown
- 13800 ✓ *Soroplex a. rupicola* 303 ♀
yellow | black | leaden

Chorus 16

X

13801 ✓ *Aglactis pumila* 1058
~~brown~~ black black

13802 ✓ *Conirostrum* sp. 1208
brown black black

13803 ✓ *Diglossa carbonaria* 144 ♂
brown black black

13804 ✓ *Chrysophilus m. melano laema* 305 ♂
= No. 843 ^{juv.} black brown blackish; wings & tail black; ^{juv.} ~~convent.~~
all tipped with buff; head slate gray, throat only, belly whitish

13805 ✓ " " " 294 ♀

Samonitolus juvenis Em.

13806 ✓ *Chlorospingus ophthal. fulvigularis* 140 ♂
white black leaden

13807 ✓ *Poospiza t. torquata* ♀ 121
brown black brown below black

13808 *Cranioleuca albiceps discolor* ♂ 142
brown black, leaden below blackish

13809 ✓ *Buarremon Torquatus* ♀ 1183
brown black blackish

13810 ✓ *Pipreola intermedia signata* ♀ 203
brown crimson scarlet

X

[7]

13811 ✓ *Picolaptes lachry. bolivianus* ♀ 213
 brown | pale horn blue | leaden

13812 ✓ *Pseudocolaptes boissonacoti* — ♂ 207
 brown | black, plum at base below | leaden

13813 ✓ " " " " ♀ 209
 — | —, plum mainly below | —

13814 ✓ *Chrysomitris m. melanolaema* ♀ 288
 brown | black, leaden

13815 ✓ " " " " ♀ 299

13816 ✓ *Atalapha caeruleicinctus* ♂ 419
 brown | leaden, tip & base pale | leaden

13817 ✓ *Penelope s. sclateri* ♀ juv 544
 brown | blackish, tip pale | blackish crissal

Sancti Spiritus 1922

13818 ✓ *Penelope s. sclateri* ♂ 611
 brown | black, pale below apically | pink blood

13819 ✓ *Pyrrhuloxia c. cinnamomea* ♀ 122
 brown | black | black

13820 ✓ *Tangara vassori atricaerulea* ♂ 104
 brown | black, leaden at base below

13821 ✓ *Thamnophrus aspersiventer* ♂ 145
 brown | black | leaden blue

X

- ✓ 13822 *Compsocoma flavinucha* ♀ 179
brown | black, pale at base below | black
- ✓ 13823 *Pseudocolaptes boissonneaulti* — ♀ 209
brown | black, flesh below mesially | leaden
- ✓ 13824 *Turdus g. serranus* ♂ imm 244
brown | brownish black | blackish horn

Same total search 28 birds

- ✓ 13825 *Metallura oeneicauda* (?) ♀ 112
black | black
- ✓ 13826 *Henricornia leucophrys boliv.* ♀ 103
brown | black, flesh below mesially | leaden black
- ✓ 13827 *Mecocercopus l. leucophrys* ♀ 146
brown | black | black
- ✓ 13828 *Conirostrum lugens* ♂ 129
brown | black | black
- ✓ 13829 *Spodiornis jardi* ♂ 135
brown | blackish | dark horn
- ✓ 13830 *Tangara vassini atricaerulea* ♀ 142
brown | black, leaden below | leaden
- ✓ 13831 *Compsocoma flavinucha* ♂ 177
brown | black | black
- ✓ 13832 *Lepidocolaptes lachrymiger boliv* ♂ 209
brown | pale horn | leaden

+

13833 ✓ *Pseudocolaptes boissonneauti* ♂ 209
brown | black, flesh below mainly | leaden

13834 ✓ *Xiphocolaptes promer., - lineaticeps* ♀ 310
brown | dark leaden | leaden

13835 ✓ *Cyanolyca v. viridicyana* ♂ 319
yellow | black | black

13836 ✓ " " " ♀ 310

13837 ✓ *Pionus tumultuosa* (M) ♀ 255
brown | yellow | leaden

Sumichrasti Dg. 21. Enno

13838 ✓ *Troglodytes s. solstitialis* ♀ 107
brown | black, flesh below hardly | dusky brown

13839 ✓ " " " ♀ 108

13840 ✓ *Pyrrhonychia c. cinnamomea* 109 ♀
brown | black | black

13841 ✓ *Ochthoeca jelskii bolivianus* 130 ♂

13842 ✓ *Diglossa cyanea melanopsis* 150 ♂
red | black | black

X

13843 ✓ *Myiochanes* ? ♂ 170
 brown | black, brown below | black
 (darker under 804)

13844 ✓ *Veniliornis nigriceps* ♀ 199
 brown | blackish, brown blue below | leaden

13845 *Thraupis cyanocephala* ♂ 200
 brown | black, pale at base below | leaden

13846 ✓ *Pyrrhura molinae* ♀ (M) 268
 brown | black | black.

13847 ✓ *Trogonurus persimilis* ♂ 266
 brown | dusky yellow | brown

13848 ✓ " " " ♀ 281
 ——— | dusky yellow, tan y ridge, black | brown

13849 *Butoripis m. montana* ♂ 227
 brown | black, flesh below variably | black.

13850 ✓ *Pipraula arcuata* ♂ 244
 brown | crimson | scarlet

Saneristota (Pair 25. June)

13851 ✓ *Mecocerculus hellmayri* ♂ 110
 brown | black, plumbeous base | black

13852 ✓ *Conirostrum lugens* ♀ 195
 brown | black | black.

13853 ✓ *Pyrrhomyias c. cinnamomea* ♂ 136
 brown | black | black.

X

[9]

- ✓ 13854 *Scytalopus* sp. ♂ 119
brown | black | brown brown
- ✓ 13855 *Pooecetes torquata* ♀ 125
brown | black, pale brown below | brown blue
- ✓ 13856 *Chlorospingus oph. fulv.* ♀ 142
brown | black, leaden below | leaden
- ✓ 13857 *Delothraupis castaneiventris* ♂ 162
brown | black, plum below | leaden black
- ✓ 13858 *Thamnopelia aspersiventris* ♂ 160
brown | b | leaden
- ✓ 13859 *Buarremon torquatus* ♀ 192
brown | black | leaden black
- ✓ 13860 *Pipreda intermedia signata* ♂ 204
brown | brown | scarlet
- ✓ 13861 *Ochthodonta fuscoviridis* ♀ 196
brown | black | black
- ✓ 13862 *Leptoptila verreauxi dec.* ♀ 300
yellow | b | pink blood
- ✓ 13863 *Atlocorhynchus caeruleicinctus* ♂ 136
brown | dark leaden, tip pale | leaden
- ✓ 13864 *Penelope sclateri* ♀ 555
brown | blackish, tip pale | pink blood

~~Samuel's ...~~

X

San Cristobal, Jan 26

13865 ✓ *Cranioleuca albiceps discolor* ♂ 145
 brown | black, pink below | leaden

13866 ✓ *Chlorospingus oph. fulv.* ♂ 142
 white | black | leaden blue

13867 ✓ " " " " ♂ 141

13868 ✓ *Spodiornis jardini* ♀ 130
 brown | black, brown below | blackish

13869 ✓ " " ♀ 132

13870 ✓ *Thraupis cyanocephala* ♂ 193
 brown | black, leaden below | leaden

13871 ✓ *Phenictes auroventris* ♂ 235
 brown | black | leaden

13872 ✓ *Glaucidium jardini* ♀ 186
 yellow | black, tip pale | blackish

13873 ✓ *Leptoptila verr. dec.* ♂ 294
 yellow | black | blood

San Cristobal Jan 27

13874 ✓ *Synallaxis a. azaroe* ♂ 165
 hazel | black, pale blue below | leaden

X

[10]

✓ 13875 *Tangara vassori atricaerulea* ♂ 143
 brown | black, leaden below | leaden

✓ 13876 *Compsozona flavinucha* ♂ 185
 brown | b, leaden below | leaden

✓ 13877 *Turdus s. savvanus* ♀ 262
 brown | b | brownish black

✓ 13878 " " " ♀ 255
 — | h | —

✓ 13879 *Chrysophilus melanolaema* ♂ 289
 brown | black | leaden

✓ 13880 *Odontophorus bassiviani* ♂ 291
 brown | brown brown | black

✓ 13881 " " " ♀ 269

✓ 13882 " " " (M) ♂ 283

Sumatran June 28, 1900

✓ 13883 *Metallura oeneicauda* ♀ 95
 bl | b.

✓ 13884 *Mecocercopus hellmayri* ♀ 111

✓ 13885 *Troglodytes solstitialis* ♂ 101
 brown | b, flesh below | dark brown

X

13886 ✓ *Troglodytes colostialis* ♀ 114
ru paum

13887 ✓ *Porphyrio torquata* ♂ 125
brn | black, horn blue below | black

13888 ✓ *Hemicorhina leucoph. boliv* ♀ 115
brn | b | b |

13889 ✓ " " " ♂ 119

13890 ✓ *Tangara vassori atricaerulea* (?) ♂ juv 145
brn | b, flk below | leaden

13891 ✓ *Thamnophilus ruficapillus subfasciatus* ♂ 169
brn | black, leaden blue mesially | leaden blue

13892 ✓ " " " ♂ 169

13893 ✓ " *aspersiventer* ♀ 159
brn | black, leaden below | leaden blue

13894 ✓ " " " ♂ 155
— | black | —

13895 ✓ " " " ♂ 156

13896 ✓ *Digloss cyanus melanops* ♂ 158
red | b | b

13897 ✓ *Myiochanes* brn | black, dusky horn below | black ♂ 187

X

[11]

✓ 13898 *Lepidocolaptes lachry. bol.* ♀ 213
pale horn blue | leaden

✓ 13899 *Holcorhynchus caeruleicinctus* ♂ juv 317
brn | blackish, flake below band | leaden

Sommita 30

✓ 13900 *Ostinops decumanus macul.* ♂ 450
blue | yellowish pea green | black

✓ 13901 *Troglodytes s. solstitialis* ♀ 2
brn | black, flake below | dark horn

✓ 13902 *Diglossa cyanea melanopsis* ♀ 149
red | b | b

✓ 13903 *Compsozona flavivucha* ♂ 176
brn | b, leaden below | black

✓ 13904 *Leptoptila verreauxi* ♂ 307
yellow | black | blood

Rio Tatináyo al Tura días miércoles
cinuenta días antes 2 de marzo

✓ 13905 *Colibri iolata* ♂ 145
black | b.

✓ 13906 *Calamania a. analis* ♂ 130
brn | yellow | b

X

✓ 13907 *Pooecetes hypochondriaca* ♀ 170
brown | b, flesh below | blackish

✓ 13908 *Asthenes d. d'orbignyi* ♀_m 140
brown | b, flesh below | black

✓ 13909 *Molothrus semibadius bolivi.* ♂ 190
brown | b | b

✓ 13910 *Furnarius rufus commersoni* ♂ 204
brown | b; flesh at base below | brownish black

✓ 13911 " " " ♂ 206

✓ 13912 *Phytotoma rutilis angustif.* ♂ 205
yellow | b; pale brown below | b.

✓ 13913 " " " ♂ 190

✓ 13914 *Pitangus sulphuratus bol.* (?) 270
brown | b | b

✓ 13915 *Molothrus badius bolivi.* ♀ 190
brown | b | b

Rio Intimayo microrles? margo

✓ 13916 *Phrygilus gayi atriceps* ♂ 170
brown | black, pale brown below | b

✓ 13917 " " " ♂ 190

X

13918 ✓ *Sappho phaeon* ♂ 150
black | b

13919 ✓ *Colibri iolata* ♂ 150
b | b

13920 ✓ " " ♂ 150

13921 ✓ *Patagona gigas* ♀ 213
b | b

13922 ✓ *Zonotrichia capensis* ♂ 149
brown | b; pale brown below breast | brown below

13923 ✓ *Thraupis sayaca* ♂ 187
brown | b, leaden blue below | leaden

13924 ✓ *Saltator aurantirostris* ♂ 204
brown | black | yellow | leaden

13925 ✓ *Embernagra olivascens* ♂ 215
brown | orange, ridge black | pale brown brown

13926 ✓ " " ♀ 217

13927 ✓ *Zenaida auriculata* (♂) 260
yellow | b | pink blood

Rio Tutinmago Jueves 4 Marzo

13928 ✓ *Colibri iolata* ♀ 133
b | b

X

✓ 13929 Patagona gigas
b/b

♀ 199

✓ 13930 Spinus olivaceus

♂ 122

brown/b, yellowish brown below broadly/b

✓ 13931 Sicalus pelzelni

♂ 138

brown/b, pink below/brownish black

✓ 13932 Ochthoeca l. leucophrys

♀ 146

brown/b/b.

✓ 13933 Sicalis luteocephala

♂ 147

brown/black, leaden brown/blackish

✓ 13934

" o. olivascens

♂ 145

brown/black, pale brown below/brown brown

✓ 13935

Upucerthia andacola

(?) 180

brown/b, bluish pink below broadly/leaden

✓ 13936

Amorpsittaca ayмара

♂ 205

brown/pink, dusky at base above/blackish

✓ 13937

Phytoloma rutila angust.

♂ 207

~~brown~~/b; pale brown below/blackish

✓ 13938

Gymnopolia ceciliae gymnops

♂ 215

orange/b/pink

✓ 13939

"

"

"

♀ 118

13940 ✓ *Molothrus badius* bol. ♂ 217
brown | b | bl

13941 ✓ *Eumariis rufus* commerson ♀ 205
brown | bl; black fls below | black

13942 ✓ *Agriornis m. montana* ♂ im 249
brown | black, plum below | black

Pir. turpinii 5 quays

13943 ✓ *Spizitornis f. flavirostris* (31) 114
yellow | black, yellow plum below, tip black | b.

13944 ✓ *Psiliopsaigon orbigny* ♂ 188
brown | yellowish plum | black

13945 ✓ " " ♂ 191

13946 ✓ " " ♂ 186

13947 ✓ *Thraupis sayaca* ♂ 183
brown | black, leaden blue below | leaden

13948 ✓ *Molothrus badius* boliv. — ♀ 187
brown | b | b.

13949 ✓ *Embernagra olivascens* ♀ juv 208
brown | blackish, brown below | yellowish brown

13950 ✓ *Pitangus sulphuratus* bol ♀ 245
brown | b | b

X

✓ 13951 *Sicalis olivaceas* ♂ 143

brn | black, flesh below | brn horn

Rio Lirioagio Domingo & Mary

✓ 13952 *Troglodytes musculus rex* ♂ 114

brn | black, flesh below barely | dusky horn

✓ 13953 *Zonotrichia capensis* (3) 171

brn | black, white flesh below | brn horn

✓ 13954 *Saltator aurantivestris bolivi.* ♂ 212

brn | orange red leaden horn

✓ 13955 " " " 205

✓ 13956 *Colibri iolota* ♂ 150

b | b

✓ 13957 *Catamenia a. analis* ♀ 136

brn | yellow, dusky above | bl.

✓ 13958 *Pooecetes hypochondriaca* ♂ 117

brn | black, flesh at base below | black

✓ 13959 *Amorphocitta yucata* ♂ 205

brn | flesh | blackish horn

✓ 13960 *Turdus chiguanco anthracinus* ♀ 277

brn | orange | yellow

X

[14]

13961 ✓ *Saltator rotiventris* ♀ 225
 brown / black, pink below laterally / brown down

13962 ✓ *Cinclodes a. atacamaensis* ♀ 211
 brown / black, pale at base below / b.

13963 ✓ *Embernagra olivascens* ♂ 211
 brown / orange red, ridge black at base / brown down

13964 ✓ *Phytotoma rutila angustirostris* ♂ 265
 brown / blackish, olive below / bl.

Rio Tufinay. Lunes 8, 1960. 2000 ft. alt.

13965 ✓ *Phrygilus p. plebejus* ♀ 127
 brown / black, brown blue below / bl.

13966 ✓ " " " ♂ 126

13967 ✓ *Spinus olivaceus* ♀ 129
 brown / black, pale brown below / b.

13968 ✓ " " " ♂ 129

13969 ✓ *Pooecetes hypochondriaca* ♂ 155
 brown / black, bluish pink below laterally / b.

13970 ✓ *Sicalis olivaceus* ♂ 155
 brown / b; bluish pink below / brown down

13971 ✓ " " " ♀ 147

X

✓ 13972 *Knipolegus a. aterrimus* ♂ 168
brown | black white basally, black tip | b

✓ 13973 " " " ♂ 168

✓ 13974 *Muscisaxicola rufivertex occipit.* (?) ♀ 191
brown | b | b.

✓ 13975 *Upucerthia andacola* ♂ 192
brown | b, black flank below | b

✓ 13976 *Phrygilus frontatus* front. (?) ♂ 199
brown | yellow | brownish flank

✓ 13977 *Mimus dorsalis* ♀ 255
yellow | b | b

✓ 13978 " " ♂ 250

Rio Antimayo marks 9 marks

✓ 13979 *Turdus f. fuscater* ♂ 280
brown | orange | brownish yellow

✓ 13980 " " " ♀ 277

✓ 13981 *Thraupis b. bonariensis* ♂ 189
brown | b, black below | b.

✓ 13982 *Zenaida auriculata* ♂ 259
yellow | b | black

X

- 13983 ✓ *Zenaida auriculata* ♂ 215
- 13984 ✓ *Buteo poecilochrous* ♂ 644
yellow | b, leaden below | leaden horn
- 13985 ✓ *Spinus olivaceus* ♂ 125
brown | black, brown blue below | b,
- 13986 ✓ *Asthenes d. d'orbigny* ♀ 160
brown | black, flesh at base below | leaden
- 13987 ✓ *Prospiza hypochondriaca* ♂ 168
brown | b, leaden blue below | b
- 13988 ✓ *Ammodramopsitta aymara* ♀ 191
brown | flesh, dusky at base above | blackish
- 13989 ✓ *Phytotoma rutilis angust.* ♀ 206
brown | black, leaden below | leaden
- 13990 ✓ *Agriornis m. montana* ♂ 239
brown | b | b

Rio Interoceano, 10 m. N. de la parte alta

- 13991 ✓ *Oreotrochilus adela* ♀ 122
b | b
- 13992 ✓ *Phrygilus plebejus* ♀ 129
brown | bl, brown blue below | b

X

✓ 13993 *Idiopiza inornata* ♂ 145
brown / brown brown, flab below / brown brown

✓ 13994 *Anthus rufescens* ♀ 146
brown / dr, flab at base below / flab

✓ 13995 *Muscisaxicola maculirostris* ♀ 135
brown / dr, flab at base below / dr

✓ 13996 *Pooeciza hypochondriaca* ♂ 155
brown / black, black flab below / dr

✓ 13997 *Aythya d. d'orbigny* ♀ 168
brown / dr, flab at base below / black below

✓ 13998 *Phrygileus frontalis* ♀ 177
brown / dr, flab below / brown brown

✓ 13999 " " ♂ 189
brown / yellow / —

✓ 14000 " " ♂ 189

✓ 14001 *Phrygileus alaudinus excelsus* ♂ 168
brown / yellow / yellow flab

✓ 14002 " " " ♂ 166

✓ 14003 *Upucerthia andacola* ♀ 200
brown / dr, paler below locally / dr

✓ 14004 *Zonotrichia rufipennis fasciata* ♀ 170
brown / dr, darker below / blackish

X

[16]

14005 ✓ *Enemarehus rutipennis* ♂ 207
brown | b | b.

14006 ✓ *Metriopelia melanoptera* ♂ 235
orange | b | bl.

14007 ✓ *Larus serranus* ♂ 499
brown | dark crimson | blackish crimson

Inachaca, Jueres 8 de Abril

(N.M.) 14008 ✓ *Adelomyia inornata* ♀ 90
black | black

(N.M.) 14009 ✓ *Tyranniscus bolivianus* ♀ 112
brown | black, leaden below | leaden

14010 ✓ *Myioborus melanocephalus bolivianus* (?) 115
brown | black | black

14011 ✓ *Atlapetes melanops* ♀ 177
brown | black | brownish black

14012 ✓ " " ♂ 176

14013 ✓ *Mionectes striaticollis* ♂ 150
brown | black, pale brown below | leaden

14014 ✓ *Veniliornis nigriceps* ♂ 217
brown | black, pale horn blue below | leaden

Inachaca 9 dia Finis Abril X

14015 ✓ *Microcerulus hellmayri* ♀ 107
brown/black, flesh below/black

14016 ✓ *Henicorhina leucophrys bolivianus* ♀ 105
brown/black/blackish

(N.A.) 14017 ✓ *Alcinoetes striaticollis* ♀ 135
brown/black, brownish flesh below usually/leaden

14018 ✓ *Chlorospingus ophthalmicus salvigi-* ♀ 142
white/black/leaden

14019 ✓ " " " ♂ 144

14020 ✓ *Margarornis s. squamigera* ♂ 165
brown/black, flesh below/leaden

14021 ✓ *Atlapetes melanops* ♂ 176
brown/black/leaden black.

X 14022 ✓ *Basileuterus signatus flavovirens* ♀ 143
brown/black/yellow
(throat yellow supercil. plum green)

14023 ✓ *Buteo hatterei* ♀ 317
brown/black, cere orange/dirty yellow

Inachaca 10 Sabado abril

14024 ✓ *Troglodytes s. colistialis* ♂ 112
brown/black, flesh below usually/dark brown

14025 ✓ *Tyranniscus bolivianus* ♂ 114
brown/black, leaden below/black

X

[17]

14026[✓] *Basileuterus signatus flavovirens* ♂ 115
brown | black | dusky yellow

14027[✓] *Chlorospingus ophthalmicus fulvig.* ♀ 119
white | black | leaden

14028[✓] " " " ♂ 114

14029[✓] *Pachyrhamphus v. viridis* ♂ 113
brown | black, leaden below | leaden

14030[✓] *Cranioleuca albiceps discolor* ♂ 115
brown | black, leaden below | black

(N.M.) 14031[✓] *Thamnophilus aspersiventris* ♂ 116
brown | black | leaden below

14032[✓] *Lepidocolaptes lachrymiger bolivi.* ♂ 212
brown | pale bluish brown, blackish at ear | leaden

14033[✓] *Compsoconia flavirostris* ♂ 179
brown | black, leaden below basally | black

(N.M.) 14034[✓] " " " ♂ 178

14035[✓] " " " ♂ 178

14036[✓] " " " ♂ 178

X

14037 ✓ *Hypoxanthus atriceps* ♂ 217
brown | black | leaden

Incahuasi June 12, April

14038 ✓ *Adelomyia inornata* ♂ 95
black | black

14039 ✓ *Agelaiocercus mocca smaragdinus* ♂ 113
black | black

14040 ✓ *Mionectes striaticollis* ♀ 115
brown | black, brownish plum below laterally | leaden

14041 ✓ *Scytalopus* ? ♂ 112
brown | black | brown tan

14042 ✓ *Tyranniscus bolivianus* ♂ 113
brown | black, leaden below | black

14043 ✓ *Chlorospingus ophthalmicus fulvig.* ♂ 114
white | black | leaden

14044 ✓ *Thamnophrus aspersiventer* ♂ 160
brown | black | leaden

14045 ✓ *Elaenia o. obscura* ♂ 190
brown | black, plum below, by black | black

14046 ✓ " " " ♂ 180

14047 ✓ *Uropsalis segmentata* ♀ 215
brown | black | blackish

14048 ✓ *Xanthoeca yncas* ♂ 315
yellow | black | black

14049 ✓ *Ostinops atrovirens* ♂ 412
blue | pea-green | black

14050 ✓ *Troglodytes solstitialis* ♂ 111
brown | black, flesh below | dark brown

(N.M.) 14051 ✓ *Tyrannus m. melancholicus* ♂ 215
brown | black | black

14052 ✓ *Hedonmyia inornata* ♂ 90
black | blackish

14053 ✓ *Troglodytes solstitialis* ♀ 112
(see 50)

Ineachea quartes 13 April

14054 ✓ *Hedonmyia inornata* ♂ 95
(see 52)

14055 ✓ *Troglodytes solstitialis* ♀ 112
(see 53)

14056 ✓ *Thlypopsis ruficeps* (green back) ♂ 114
brown | black | leaden below | leaden

14057 *Mecocerculus l. leucophrys* ♂ 117
brown | black | black

X

14058[✓] *Ochthoeca r. rufpectoralis* ♀ 114
brown | black | black

14059[✓] " " " ♀ 115

14060[✓] *Myioborus melanocephalus* ♀ 119
brown | black | black

14061[✓] " " " ♂ 119

14062[✓] *Zonotrichia capensis parvianus* ♀ 116
brown | black, brown below | brown below

14063[✓] *Elania o. obscura* ♀ 178
brown | black, dull flesh below | black

14064[✓] *Atlapetes melanops* ♂ 179
brown | black | black

14065[✓] " " " ♂ 179

14066[✓] " " " ♂ 179

14067[✓] *Veniliornis nigriceps* ♀ 179
brown | black, pale bluish flesh below | leaden

14068[✓] *Xiphocolaptes promer. lineat. (?) 300*
brown | blackish, leaden below locally | leaden

**

✓ 14069 *Circus buffoni* (?)♂ ~~#~~ 474

brown / black / orange yellow

Inerachaea microcolis 14 April

**

✓ 14070 *Helianthaea inca*

♀ 116

black / dusky flesh

✓ 14071 *Mecocerculus hellmayri*

♀ 114

brown / black, flesh below / leaden

✓ 14072 *Basileuterus tristriatus*

♂ 117

brown / black, flesh below, brownish yellow

✓ 14073 " *Signatus flavovirens*

♀ 116

brown / black / brownish yellow

✓ 14074 *Chlorospingus ophthal. fulvigenis*

♂ 114

terrace / black, leaden below / leaden

✓ 14075 *Diglossa caerulea malanopsis*

♀ 115

red / black / black

✓ 14076 *Cyanoleuca olivacea discolor*

♀ 115

brown / black, leaden below / blackish olive

(AM
N.)✓ 14077 *Tangara vassalli atrocaerulea*

♂ 114

brown / black, leaden blue at low level / blackish

✓ 14078 *Margarornis s. squamigera*

♂ 116

brown / black, flesh below / blackish brown

X

✓ 14079 *Dolothraupis castaneoventris* ♀ 174
brown | black, leaden below | blackish leaden

✓ 14080 *Trogonurus personatus* ♂ 214
brown | orange yellow | dusky yellow

✓ 14081 *Hypoxanthus atricollis* ♂ 214
brown | black | leaden

✓ 14082 *Troglodytes colubritidis* ♀ 119
brown | black, feet below blackish | dark brown

✓ 14083 *Myioborus melanocephalus* ♂ 41
brown | black | black

✓ 14084 *Carpodacus albiceps discolor* ♂ 115
brown | black, blackish below locally leaden

Trachusa 15 April

✓ 14085 *Ochthoeca n. rotospectoralis* ♀ 125
brown | black | black

✓ 14086 *Atlapetes melanocephalus* (?) 117
brown | black | leaden black

✓ 14087 *Lepidocolaptes tachygnathus* bel. ♀ 218
brown | bluish slate, blackish at base above | olive leaden

✓ 14088 *Xiphocolaptes promeropygus lineator* ♂ 315
brown | blackish brown, leaden below locally | leaden

✓ 14089 *Trogonurus personatus* ♀ 218
brown | orange yellow | dusky yellow

14090 ✓ *Tyranniscus bolivianus* ♂ 114
brown | black, leaden below | leaden

14091 ✓ *Ochthoeca t. thoracica* ♂ 115
brown | black | black

14092 ✓ *Henicorhina leucophrys boliviana* ♂ 112
brown | black | dark brown

14093 ✓ *Cranioleuca albiceps discolor* ♂ 116
brown | black, bluish fluff below | leaden olive

14094 ✓ *Thiopsis cyanocephala* ♂ 204
brown | black, leaden below | leaden

14095 ✓ *Thamophilus aspersiventris* ♂ 115
brown | black | leaden

14096 ✓ *Zonotrichia capensis peruv.* ♂ 117
brown | black, bluish brown below | pale brown

(N.V.) 14097 ✓ *Pyrhura ^{m.} molina* ♀ 217
brown | black, pale brown at base | black

14098 ✓ *Xiphocolaptes proserpyn. lineat.* ♂ 312
brown | leaden brown, near under below | leaden

Streptopelia dussumieri af. ruf.

14099 ✓ *Basileuterus signatus* — ♂ 115
brown | black | brownish yellow

X

14100 ✓ *Tyranniscus b. bolivianus* ♂ 140
brown | black, leaden below | leaden

14101 ✓ *Colibri cyanotus* ♂ 117
black | black

(NM) 14102 ✓ *Thlypopsis ruficeps* (green back) ♂ 180
brown | black, leaden below | leaden

(NM) 14103 ✓ *Thlypopsis cyanocephalus* ♀ 119
brown | black, hint flesh below | leaden

14104 ✓ *Buarremon t. torquatus* ♂ 190
brown | black | blackish

14105 ✓ *Vermilionis n. nigriceps* ♂ 200
brown | black, leaden below | leaden

14106 ✓ " " " ♂ 200

14107 ✓ " " " ♂ 198

14108 ✓ " " " ♂ 200

14109 ✓ *Pitangus sulphuratus boliv.* ♂ 245
brown | black | black

14110 ✓ *Turdus chiguanea anthracina* ♂ 299
brown | orange red | orange

14111 ✓ *Accipiter erythronomus ventralis* ♂ 317
brown | black | yellow

14112 ✓ *Ostinops atrivirens* ♂ 414
blue | yellowish | green | black

Guatemala - March 17, April 2

14113 ✓ *Adelomyia imitata* ♂ 85
black | brown

14114 ✓ *Chaetoceros mutsanti* ♂ 90
black | black

14115 ✓ *Vestipicus glaucopides* ♂ 115
black | black

14116 ✓ *Colibri cyanotus* ♂ 112
black | black

14117 ✓ *Helianthaea inca* ♀ 114
black | brown | black

14118 ✓ *Columba albilinea* ♀ 391
brown | yellow | dusky yellow

14119 ✓ " " ♂ 391

14120 ✓ *Pionopsitta melanotis* ♀ 944
brown | yellow | blue | black | black

+

Incaehaca, Apr. 19.

14121 ✓ *Basileuterus nigrocristatus euophi.* ♀ 140
brown | black | brown | brown

14129 ✓ *Pharomacrus antisienensis* ♂ 366
brown | yellow | brownish yellow

Incaehaca, Apr. 20, April

14123 ✓ *Spinus olivacea* ♀ 112
brown | black, fluff below at base

14124 ✓ *Idiospiza i. inornata* ♀ 130
brown | yellow, fluff below | brown | brown

14125 ✓ " " " ♂ 135

14126 ✓ *Dioplosa carbonaria* ♀ 145
red-brown | black | black

14127 ✓ *Turdus serranus* ♂ 276
brown | yellow | yellow

Incaehaca, Apr. 21, April

14128 ✓ *Ochthoeca t. thoracica* (?) 144
brown | black | black

14129 ✓ *Pitangus sulphuratus bol.* ♀ 227
brown | black | black

X

[22]

14130 ✓ *Grallaria erythrotis* ♀ 190
brown | black | leaden

14131 ✓ *Picus tumultuosus* ♂ 288
brown | olive yellow | leaden

Inachana Inuvius 22 April

14132 ✓ *Agelaiocercus ruficauda* ♂ 146
black | black

** 14133 ✓ *Spodiornis jerdoni* ♂ 127
brown | black | black

14134 ✓ " " ♀ 135
— | — | brown below | dark brown

14135 ✓ *Basileuterus nigrocapillus* euph. ♀ 134
brown | black | brown brown

14136 ✓ *Thlypopsis ruticeps* (green back) ♀ 134
brown | black | leaden brown below | leaden

14137 ✓ *Micnectes s. striatocollis* ♀ 142
brown | black, brownish red, black locally | leaden

14138 ✓ *Andigena coccylus* ♂ 178
brown | orange leaden, black apically | leaden

14139 ✓ *Penelope s. sclatoris* ♀ 519
brown | black, brown brown below | pink blood

X

14140[✓] *Pionopsitta minorotis* ♂ 255
brown / leaden, top white / black.

14141[✓] " " " ♀ 254

14142[✓] " " " (♀) 279

Inachaea T. 93 A. 93

14143[✓] *Troglodytes s. solstitialis* ♀ 109
brown / black, black below brown line

14144[✓] " " " ♂ 112

14145[✓] *Henicorhina leucophrys* bol. ♂ 111
brown / black, black below mesial / black

14146[✓] *Tyranniscus b. belizianus* ♂ 135
brown / black, brown below / leaden

14147[✓] *Mionectes s. striatocollis* ♂ 160
brown / black, brownish black below / leaden

14148[✓] *Verilivora minoriceps* ♂ 289
brown / black, brown below / leaden

14149[✓] *Pionopsitta m. melanotis* (M) ♂ 250
brown / pale black brown, top pale / black

14150[✓] *Pionus tomalteacus* ♀ 279
brown / black, brown below / leaden

X

14260
14154
106

[23]

14151 ✓ *Myiochanos 2. leucogaster* ♂ 117
brown | black, brown beneath | green

14152 ✓ *Pitangus sulphuratus holos.* ♂ 214
brown | black | black

14153 ✓ *Basileuterus signatus flavovirens* ♀ 143
brown | black | dusky flesh
(shut yellow supracil; plum green)

San Jaime, Costa Rica, 27 April, altitude 6,600

14154 ✓ *Basileuterus coronatus notios* ♀ 134
brown | black | brown brown

14155 ✓ " *tristriatus* (P) 112
brown | black, blackish brown | pale brown brown

14156 ✓ *Hemicerthia j. boliviensis* ♂ 111
brown | black | dark brown

14157 ✓ *Hemicerthia melanocephala castaneicollis* ♂ 144
brown | black | dark brown

14158 ✓ *Myiochanes inornatus* ♂ 118
brown | brown, brownish black below | leaden

14159 ✓ *Chlorospingus ophthalm. fulvif.* ♀ 130
white | black | leaden

14160 ✓ *Ammodramus striaticeps yungae* ♂ 117
brown | black, blue yellow below | leaden

X

✓ 14161 Xanthoeca y. yucas ♀ 312
yellow | black | leaden

✓ 14162 Adelomyia incornata ♂ 95
black | leaden

Tanaisius microps 28 abri

✓ 14163 Penelope sclateri ♂ 565
- - - - -

✓ 14164 " " " ♀ 515

✓ 14165 Phylloscopus ventralis angustir. ♂ 122
brown | black | black below | leaden

✓ 14166 Leptopogon superciliosus albidus ♂ 145
brown | black | leaden

✓ 14167 Tangara nigroviridis (?) ♂ 119
brown | black, black below

✓ 14168 Tanagra xanthogaster ruficeps ♂ 115
brown | black, leaden at base below | leaden

✓ 14169 Diglossa g. glauca (?) ♀ 116
brown | black | black
Dark blue above & below, tail & wings black, edged
blue; lower & narrow front black

✓ 14170 Diglossa cyanea melanopsis ♂ 149
red | black | black

X

14171 ✓ *Tangara xanthocephala lamprotis* ♀ 1330
brown | black | leaden

14172 ✓ " " " ♂ 135

14173 ✓ " " " (?) 130

14174 ✓ " " " ♀ 134

14175 ✓ " " " ♂ 134

14176 ✓ *Eubucco v. versicolor* ♀ 164
brown | leaden basally, olive yellow apically | olive

14177 ✓ " " " ♂ 168

14178 ✓ " " " ♂ 167

14179 ✓ *Coniropsocoma flavinucha* ♂ 175
brown | black, leaden below basally | black

14180 ✓ *Hecipiter erythronomus ventralis* ♂ 275
brown | black

14181 ✓ *Tangara xanthocephala lamprotis* ♂ 134

~~San Jacinto 29 April~~

X

San Jacinto, Apr. 29

14182 ✓ *Tanagra xanthogaster ruficeps* ♂ 113

14183 ✓ *Tanagra xanthogaster ruficeps* ♂ 112
brown | black, leaden below | leaden

14184 ✓ *Tanagra mesochrysa tavarae* ♀ 115
brown | black, leaden blue below | leaden

14185 ✓ *Tanagra vassori atricaerulea* ♂ 130
brown | black | black

14186 ✓ *Troglodytes solstitialis* ♂ 122
brown | black, flesh below anteriorly | dusky brown

14187 ✓ *Diglossa g. glauca* ♂ 129
brown | black | black

14188 ✓ *Micreetes s. striaticollis* ♂ 150
brown | black, brownish flesh below basally | leaden

14189 ✓ *Anabacerthia striaticollis yungae* ♂ 176

14190 ✓ *Compsozona flavinucha* ♀ 178
brown | black, flesh below basally | black

14191 ✓ " " ? 178

14192 ✓ *Chlorospingus oph. fulvig.* ♂ 135
white | black | leaden

X

[25]

✓ 14193 *Chlorospingus oph. fulvig.* ♂ 136

✓ 14194 *Tangara xanthocephalus laniprotis* ♀ 130

✓ 14195 " " " ♀ 135

✓ 14196 *Diglossa g. glauca* ♀ 116
brown | black | black

✓ 14197 *Chamaeza brevicauda boliv.* ♂ 216
brown | black, flesh below basally | leaden blue

✓ 14198 *Columba plumbea delicata* ♂ 364
— | black | pink blood

✓ 14199 *Troglodytes solstitialis* ♂ 126
brown | black, flesh below mainly | dark brown

✓ 14200 *Pyrrhura m. molinae* ♀ 214
brown | black | black

San Jacinto 1930 Verdes abril

✓ 14201 *Troglodytes solstitialis frater* ♂ ♂ 112
brown | black, flesh below basally | dark brown

✓ 14202 *Anabacerthia striaticollis yungae* ♀ 177
brown | black, leaden below | leaden

X

14213[✓] *Compsocoma flavinucha* ♂ 118
brown | black, flat below at base | black

14214[✓] " " ♀ 179

14215[✓] *Xanthoura yncas* ♂ 312
yellow | black | —

14216[✓] *Ostinops atrovirens* ♂ 400
blue | pea green | black

14217[✓] " " ♀ 317

14218[✓] *Oropeleia frenata* ♀ 316
brown | black | purplish blue

14219[✓] *Autocorynchus coerulescens* (?) ♀ 411
brown | leaden blue, tip pale | olive green

14210[✓] *Trogonurus personatus* ♂ 217
brown | orange yellow | brownish yellow

14211[✓] *Colimba plumbea delicata* ♀ 345
brown | black | dark purple

San Jacinto Salado 1^o de mayo

14212[✓] *Tanagra xanthogaster ruficeps* ♂ 109
brown | black, leaden below basally | black

~~14213~~

14213 ✓ *Diglossa cyanea melanopsis* ♂ 116
brown | black | black

14214 ✓ *Tangara nigrocincta* (?) ♀ 114
brown | black, fluff below (black) | leaden

14215 ✓ " " ♀ 113

14216 ✓ *Thamnophilus aspersiventer* ♂ 115
brown | black | leaden

14217 ✓ *Campysocoma flavivucha* ♂ 177
brown | black, fluff below at (and) black

(N.M.) 14218 ✓ *Thraupis cyanocephalus* ♂ 203
brown | black, fluff at (and) below | leaden

14219 *Pyrrhura m. molinae* (?) 305

14220 ✓ Squirrel ♂ 19-217-415.
♂-19

San Jacinto Drumming Ways

14221 ✓ *Conirostrum logens* ♂ 114
brown | black | black

14222 ✓ *Basileuterus tristriatus punctatus* ♀ 106
brown | blackish, dusky, fluff below | brown

14223 ✓ *Chlorospingus ophthalmicus fulvicularis* ♀ 114
brown | black | leaden

X

14224[✓] *Basileuterus coronatus notius* ♀ 115
brown | black | brownish yellow

14225[✓] " " " ♀ 115

14226[✓] *Eubucco versicolor* ♂ 178
red | leaden blue basally, yellow apically | leaden

14227[✓] *Pipreola f. frontalis* ♀ 178
brown | black | olive green

(N) 14228[✓] *Anabacerthia striaticollis yungae* ♂ 174
brown | blackish, dusky below basally | leaden

14229[✓] *Xiphorhynchus triangularis bangsi* ♂ 203
brown | lead blue, long max black | leaden

14230[✓] *Entomodestes leucotis* ♀ 215
brown | black, orange below | black

14231[✓] " " ♂ 219

14232[✓] *Scapanus trachelopyrus* ♂ 314
yellow | blackish ^{leaden} basally, pale apically | leaden

San Jasin & Pinos de Oro

14233[✓] *Colomba plimbea delicata* ♀ 300
brown | black | dark purple

X

[27]

14234[✓] *Columba plumbea delicata* ♀ 315

14235[✓] *Rhipidura peruviana saterata* ♀ 318
brown | black, tip yellow, under black

14236[✓] " " " ♂ 319
red | orange yellow | yellow

14237[✓] *Alcedorhynchus caeruleicinctus* ♂ 414
brown | leaden tip pale | olive green

14238[✓] *Pyrrhura murulina* ♂ 316
brown | black, pale at base below | black

14239[✓] *Chlorospingus ophthalmicus fulvigularis* ♂ 114
white | black | leaden

14240[✓] *Tangara xanthocephala lamprotis* ♀ 116
brown | black | leaden

14241[✓] " " " ♂ 115

14242[✓] " " " ♀ 114

14243[✓] *Xiphorhynchus triangularis bangsi* ♂ 214
brown | pale bluish white, base tip of max black | leaden

San fadim's marta's mays

14244[✓] *Cyanocorax cyanopelas* ♂ 305
brown | black | black

X

14245 ✓ *Henicorhina leucophrys boliviana* ♀ 103
brown | black | dark brown

14246 ✓ *Basileuterus tristriatus* ♂ 107
brown | black, dusky flank below | dusky brown

14247 ✓ *Chlorospingus ophthalmicus fulvicularis* ♂ 114
white | black | leaden

14248 ✓ " " " ♀ 114

14249 ✓ " " " ♂ 114

14250 ✓ *Diglossa cyano melanopsis* ♂ 116
red-black | black

14251 ✓ *Sittasomus griseicapillus viridis* (?) 117
brown | black, leaden below | leaden

14252 ✓ *Premnoplex brunnescens stictenotus* ♂ 115
brown | black, flank below | brownish black

14253 ✓ *Tangara xanthocephala lamprotis* (?) 118
brown | black | leaden

14254 ✓ *Anabacerthia striaticollis yungae* ♂ 119
brown | black leaden olive below | olive

14255 ✓ *Chloroneryx rubiginosus canipellus* ♂ 209
brown | black | leaden

San Jacinto May 5

14256[✓] *Crypturellus obsoletus punensis* ^(M) ♀ —
brown | black, pink below | leaden

14257[✓] *Penelope* — ? ♂ 515
brown | black | pink below

14258[✓] *Helocerythos caeruleicinctus* ♀ 315
brown | leaden basally, pale apically | olive

14259[✓] *Tangara xanthocephala lamprolata* ♂ 116
brown | black | leaden

(NM) 14260[✓] " " " ♀ 117

Guadalupe Island 7 de mayo

14261[✓] *Helocerythos caeruleicinctus* ♀ 409
brown | leaden basally, pale apically | olive

14262[✓] *Colibri cyanotos* ♂ 105
black | black

14263[✓] " " ♂ 112

14264[✓] *Mecocerculus leucophrys* ♂ 115
brown | black | black

14265[✓] *Atlapetes melanops* ♂ 177
brown | black | brownish black

X

14266 ✓ *Mionectes s. striaticollis* (?) 114
brown \ black, brownish fluff at below basally \ leaden

14267 ✓ *Chlorospingus ophthalmicus fulvigularis* ♀ 115
white \ black \ leaden

14268 ✓ *Thraupis cyanocephalus* ♂ 201
brown \ black, pale at base below \ leaden

14269 ✓ *Lepidocolaptes lachrymiger bolivianus* ♂ 213
brown \ pale brown, dusky at base \ leaden

14270 ✓ " " " ♀ 214

14271 ✓ " " " (?) 219

14272 ✓ *Buteo nattereri* ♂ 405
brown \ black, leaden below \ cere yellow \ dusky yellow

Ineacacara latada ♂ gray

14273 ✓ *Thraupis cyanocephalus* ♂ 203
brown \ black, pale at base below \ leaden

14274 ✓ *Chamaeza mollissima yungae* ♂ 212
brown \ black \ leaden black

(N.M.) 14275 ✓ *Atlapetes melanops* ♂ 104
brown \ black \ blackish

(N.M.) 14276 ✓ *Chlorospingus ophthalm. fulvigularis* ♂ 105
white \ black \ leaden

✓ 14277 *Aglaocercus maccoa smaragdina* ♀ 101
black | black

✓ 14278 *Tangara vassori aticaerulea* ♂ 114
Brown | black, leaden at tail below | leaden

(N.M.) ✓ 14279 *Lepidocolaptes lachrymiger berlioz* ♂ 213
brown | pale tan, blackish at carpal | leaden

Incaudora Sumatrensis major de la parte alta

✓ 14280 *Metallura s. smaragdinae cellis* ♂ 110
black | black

✓ 14281 Squirrel " sex uncertain ♀ 5

✓ 14282 *Chlorospingus ophthal. fulvicularis* ♂ 145
white | black | leaden

✓ 14283 *Ocithoeca fumicolor berlepschi* ♀ 146
brown | black | black

(N.M.) ✓ 14284 *Diglossa cyanea melanopsis* ♀ 116
red | black | black

✓ 14285 *Pterophanes cyanopterus* ♂ 178
black | dusky flesh

✓ 14286 *Poecilothraupis igniventris* ♂ 178
brown | black | black

X

14287 ✓ *Pseudocolaptes boissonneauti* ♀ 215
brown | black, flesh below maxilla, | leaden

14288 ✓ *Grallaria erythrotis* ♀ 204
brown | black, brownish below | leaden

14289 ✓ *Turdus serranus* ♂ 219
brown | orange red | dusky yellow

14290 ✓ *Myiagra cayana obscura* ♂ 403
red | leaden basally, olive yellow apically | leaden

14291 ✓ *Turdus chiguanco anthracina* 300
brown | red orange, blackish at base above | brownish yellow

14292 ✓ *Turdus serranus* ♂ 275
brown | orange yellow | brownish yellow

14293 ✓ *Spinus olivaceus* ♂ 105
brown | black, pale at base below | black

14294 ✓ " " ♀ 103

Incaeterna minoris et de imago

14295 ✓ *Chaetocercus mulsanti* ♂ 90
black | black

14296 ✓ " " ♂ 100

✓
14297 *Chaetocercus mulsanti*

♂ 95

✓
14298

"

"

♂ 93

✓
14299

"

"

♀ 89

✓
14300

Chaetocercus mulsante
black \ black

♀ 85

✓
14301

"

"

♀ 87

✓
14302

"

"

♀ 84

✓
14303

Metallura smaragdini-cellis
black \ black

♂ 99

✓
14304

Colibri iolatus
black \ black

♂ 116

✓
14305

Diglossa carbonaria
brown \ black, paler at base below \ black at base

♀ 114

✓
14306

"

"

imm ♂ 115

✓
14307

"

"

♂ 116

✓
14308

"

"

♂ 116

14309 ✓ *Diglossa cyanea melanopsis* ♀ 118
reddish | black | black

14310 ✓ *Delothraupis castaneiventris* ♂ 119
brown | black, paler below | black

14311 ✓ *Leistes militaris superciliosus* ♀ 118
brown | brownish, black below | brownish black

Incahaca Jueves 13 de Mayo

14312 ✓ *Tyranniscus bolivianus* ♀ 112
brown | black | black

14313 ✓ *Myiochanes fumigatus* ♀ 179

14314 ✓ *Myiochanes fumigatus* ♀ 178
brown | black, brown below | black

14315 ✓ *Chaetercus nulsante* ♂ 95
black | black

14316 ✓ *Diglossa cyanea melanopsis* ♂ —
red-brown | black | black

14317 ✓ " " " ♂ 117

14318 ✓ *Synallaxis a. azarae* imm? 114
hazel | black, leaden below | leaden

14319 ✓ *Diglossa carbonaria* ♂ 117
brown | black, pale at base below | black

X

[31]

14320 ✓ *Diglossa carbonaria* ♂ 115

14321 ✓ " " ♀ 114

14322 ✓ " " ♂ 114

14323 ✓ *Tyranniscus b. bolivianus* ♂ 1138
brown | black, under below | under

14324 ✓ *Cinclodes fuscus albiventris* ♀ 1177
brown | black | black

14325 ✓ *Elania flavogaster* ♀ 118
brown | black, black below, tip dusky | black

14326 ✓ *Tyrannus melancholicus* ♀ 119
brown | black | black

Inachaea Viernes 14 Over

14327 ✓ *Ochthoeca r. rotopectoralis* ♂ 134
brown | black | black

14328 ✓ *Serpophaga c. cinerea* (?) 110
brown | black | black

14329 ✓ *Meocerculus l. leucophrys* ♂ 113
brown | black | black

X

14330 ✓ *Cinclus leucocephalus* ♂ 177
brown | black | leaden

14331 ✓ *Cinclodes fuscus albiventris* ♀ 178
brown | black, pale at tan below | black

14332 ✓ " " " (3) 178

14333 ✓ " " " ♂ 178

14334 ✓ *Tyrannus m. melancholicus* ♂ 214
brown | black | black

Incahuaca Sabado 15 de mayo

14335 ✓ *Veniliornis n. nigriceps* ♀ 200
brown | black, bluish fluff below | leaden

14336 ✓ *Leistes militaris superciliosus* ♀ 177
brown | brown line, fluff below | tan brown, toes black

14337 ✓ *Serpophaga c. cinerea* ♀ 172
brown | black | black

14338 ✓ *Tyranniscus bolivianus* ♀ 173
brown | black, leaden at tan below | leaden

14339 ✓ *Merganetta armata leucogenys* ♂ 174
brown | red, ridge blackish | blackish brown

14340 ✓ *Grallariola boliviana* ♂ 172
brown | black, black below, no dusky | bluish pink

X

[32]

14341 ✓ *Vestipedes glaucopoides*
black | black.

♂ 109

Thraupis Deming's Maya

14342 ✓ *Cinclus leucocephalus*
brown | black | black

♂ 177

14343 ✓ *Diglossa carbonaria*
brown | black | black

♂ 114

14344 ✓ *Colibri iolatus*
black | black

♂ 115

14345 ✓ *Serpophaga c. cinerea*
brown | black | black

♀ 112

14346 ✓ *Chaetocercus mulsanti*
black | black

♂ 95

Thraupis Pearce's Maya

14347 ✓ *Serpophaga c. cinerea*
brown | black | black

♂ 105

14348 ✓ *Elaenia flavogaster*
brown | black, plum below, top dark | black.

♂ 116

14349 ✓ *Thraupis c. cyanocephala*
brown | black, black, blue below, black blue

♂ 119

+

Inachaea micros 19 ways

14350 ✓ *Zonotrichia capensis peruviana* ♀ 115
brown | blackish, dark brown below | brown brown

14351 ✓ *Muscisaxicola mimaschensis* ♂ 115
brown | black, yellow below | black

14352 ✓ *Salpinctes obsoletus boliviensis* ♂ 115
brown | blackish brown, flesh below | leaden brown

14353 ✓ *Agelaius phoeniceus andersoni* ♀ 219
brown | black, dusky, flesh below | black

14354 ✓ *Turdus f. fuscater* ♀ 219
brown | red orange ^{from} ~~from~~ yellow

14355 ✓ *Pipilo maculatus melanotis* ♂ 275
brown | leaden, pale apically | black

14356 ✓ *Colibri iolota* ♂ 107
black | black

Inachaea, Inches 20 ways

14357 ✓ *Colibri iolota* ♂ 108
black | black.

14358 ✓ *Diglossa s. sitoides* ♂ 113
brown | black, flesh at base below | brown brown

- 14359 ✓ *Diglossa carbonaria* ♂ 115
brown | black, pale at base below | black
- 14360 ✓ *Diglossa cyanea melanops* ♂ 117
red | black | black
- 14361 ✓ *Salpator aurantiifrons* beliv. - ♀ 215
brown, blackish, pale below | leaden
- 14362 ✓ *Veniliornis n. nigriceps* ♀ 200
brown | black, brown blue below | leaden
- 14363 ✓ " " " ♀ 218

Inachaca Turneri Mayr

- 14364 ✓ *Colibri cyanotis* ♂ 112
black | black
- 14365 ✓ *Diglossa carbonaria* ♀ 114
brown | black, pale at base below | black
- 14366 ✓ " *s. sittoides* (?) 113
brown | black, pale at base below | dark brown
- 14367 ✓ *Muscisaxicola m. maculirostris* ♂ 116
brown | black, yellow below basally | black
- 14368 ✓ *Elaenia flavogaster* (?) 117
brown | black, flesh below, tip black | black

X

14369 ✓ *Myiochanos f. fumigatus* ♂ 179
brown | black, brown below | black.

14370 ✓ *Diglossa cyanea melanopsis* ♂ 116
red-brown | black | black.

14371 ✓ *Pitangus sulphuratus boliviensis* ♂ 218
brown | black | black.

14372 ✓ *Hypoxanthus atriceps* ♀ —
brown | black | leaden

14373 ✓ Rat. 11 119

14374 ✓ *Pygochelidon cyanoleuca* ♂ 113
brown | black | black

14375 ✓ " " ♀ 113

14376 ✓ " " ♂ 109

14377 ✓ " " (3) 112

1. Inachaea sabaki 22 May 7

14378 ✓ *Ochthoeca t. thoracica* ♀ 114
brown | black | black

14379 ✓ *Muscisaxicola m. maculirostris* ♀ 117
brown | black, yellow below basally | black

X

[34]

14380 ✓ *Muscisaxicola maculirostris* ♂ 114

14381 ✓ *Pygocichla cyanocephala* ♀ 116
brown | black | black

14382 ✓ *Synallaxis azarai* (?) 118
gray | black, leaden below, laterally | leaden

14383 ✓ " " " ♂ 119

14384 ✓ *Cranioleuca albiceps discolor* ♀ 115
brown | black | leaden

14385 ✓ *Thlypopsis ruficeps* ♀ 114
green above, with rufous cap & sides of head
brown | black, leaden below | leaden

14386 ✓ " " " (?) 114

14387 ✓ *Myiochanes f. ferrugineus* ♂ 178
brown | black, brown below | black

14388 ✓ *Pseudocathartes psittacus* 205
brown | black, flesh below, internally | leaden

14389 ✓ *Spinus olivaceus* ♀ 115
brown | black, pale brown at base of tail | black

14390 ✓ *Pharomacrus antisianus* ♂ 385
brown | yellow | olive

X

✓ 14391 *Pharomacrus antisimensis* ♀ 377
 brown | brown horn, ridge black | brown horn

Streptopelia *modesta* 25 *mayo*

✓ 14392 *Andigena cucullatus* ♂ 401

✓ 14393 *Tangara xanthocephala lamprolata* ♂ 115
 brown | black | leaden

✓ 14394 *Psittaspiza riefferi boliviana* ♂ 215
 brown | red | red

✓ 14395 " " " ♀ 211

✓ 14396 *Eubucco versicolor* ♂ 118

✓ 14397 *Agelaiocercus mocca smaragdina* ♂ 116
 black | black

✓ 14398 *Basileuterus tristriatus puncticeps* ♀ 114
 brown | black, flesh below | brownish yellow

✓ 14399 *Grallaria squamigera canicauda* ♂ 213
 brown | black, flesh below | bluish flesh

✓ 14400 *Mionectes striaticollis* ♂ 150
 brown | black, brownish flesh below locally | leaden

~~*Streptopelia modesta*~~ 26 *mayo*

Incahacha, May 26.

✓ 14401 *Hemiphysalis leucophrys boliviensis* ♂ 112
brown | black | dark brown

✓ 14402 *Meocerculus holmayeri* ♂ 112
brown | black, pink below | leaden blue

✓ 14403 *Ochthoeca jelskii boliviensis* ♀ 125
brown | black | black

✓ 14404 *Conirostrum citricolor cyanum* ♀ 126
brown | black | black

✓ 14405 " " " ♂ 130

✓ 14406 *Thamnotus aspersiventris* ♂ 170
brown | black | leaden blue

✓ 14407 *Margarornis squamigera* ♂ 170
brown | black, pink below | black

✓ 14408 " " " ♀ 170

✓ 14409 *Grallaria erythrotis* ♀ 200
brown | black | leaden blue

Incahacha June 27 May

✓ 14410 *Conirostrum lugens* ♀ 126
brown | black | black

X

14411 ✓ *Thraupis c. cyanocephala* ♂ 214
brown | black, leaden blue below | leaden blue

14412 ✓ *Coripseona flavinucha* ♂ 180
brown | black | black

14413 ✓ *Chlorornis riefferi boliviana* ♀ 215
brown | crimson | scarlet

14414 ✓ " " " ♂ 215

14415 ✓ *Pseudocolaptes boissonnadi* ♀ 214
brown | black, blue below mesially | leaden

14416 ✓ *Hypoxanthus atriceps* ♂ 280
brown | black | leaden

14417 ✓ " " " ♀ 260

Inachaca Viernes 28 May

14418 ✓ *Tyranniscus boliviana* ♀ 119
brown | black, leaden blue | black

14419 ✓ " " " ♀ 113

14420 ✓ *Chaleostigma r. roticeps* ♂ 105
black | black

low tail

14421 ✓ *Agelaius phoeniceus* *smargdina* ♂ 180
black | black

14422 ✓ *Colibri cyanotis* ♀ 115
black | black

14423 ✓ *Pyrrhuloxia sinuata* ♀ 140
brown | black | black

14424 ✓ *Synallaxis azarae* ♂ 180
gray | black, under below | leaden blue

14425 ✓ *Turdus s. serranus* ♂ 950
brown | red-orange | yellow

14426 ✓ *Turdus serranus* ♂ 216
brown | yellow | yellow

14427 ✓ *Turdus chiguanco anthracina* ♂ 219
brown | red orange | yellow

14428 ✓ *Cyanolyca v. viridi-cyana* ♂ 318
— | black | black

14429 ✓ " " " ♀ 319

14430 ✓ " " " ♀ 319

14431 ✓ " " " ♂ 319

14432 ✓ " " " ♂ 319

607
2472
16

+

14433 ✓ *Cyanolyca v. viridicyana* ♂ 315

14434 ✓ " " " ♀ 314

14435 ✓ *Pipreola intermedia signata* ♂ 212
brown | crimson, tip black | crimson

Incahuasi Sabado 29 mayo

14436 ✓ *Thlypopsis ruficeps* ♂ 140
brown | black, head below | leaden

14437 ✓ *Agelaiocercus mecca smaragdina* ♂ 135
black | black

14438 ✓ " " " ♂ 145

14439 ✓ *Colibri cyanotis* ♂ 105
black | black

14440 ✓ *Thraupis c. cyanocephalus* ♂ 200
brown | black, head below | leaden

14441 ✓ " " " ♂ 200

14442 ✓ *Zenaida auriculata* ♂ 215
yellow | black | pink blood

Incaacha Doming, 30 miles

14443 ✓ *Ostinops atrovirens* ♂ 314
blue \ pea-green \ black

14444 ✓ *Myiothetes striaticollis* ♀ 214
brown \ black \ black

14445 ✓ *Turdus serranus* ♀ 215
brown \ black \ brownish yellow

14446 ✓ *Columbina picui* (M) ♀ 190
orange \ black \ pink blood

14447 ✓ *Pipreda intermedia signata* ♂ 214
brown \ crimson \ scarlet

Incaacha, May 31

B. & M. went out today, shooting up
rally to Bocaóna & back. I worked in collection.

14448 *Ochthoeca r. rotospectoralis* ♂ 146
brown \ black \ black

14449 ✓ *Adelomyia inornata* ♂ 98
black \ dusky flesh

14450 ✓ *Mecocerculus hellmayeri* ♂ 117
brown \ black, flesh below \ leaden

14451 ✓ *Mionectes s. striaticollis* ♂ 157
brown \ black, brownish flesh below, tip black \ leaden

X

14452 ✓ *Buarremon t. torquatus*
brown | black | black

♂ 198

14453 ✓ *Phoeucticus a. aureoventris*

♂ 215

brown | black, leaden below | dark leaden.

14454 ✓ *Cinclus leucocephalus*

♀ 170

brown | black | leaden

14455 ✓ *Atlapetes melanops*

♀ 166

brown | black | blackish brown

Incahaca, June 1, 1937. ["La Aduana"]

Berti & I went up trail to "La Aduana" on forest path, left horse there. He shot from there up & I climbed same as far as that level. We left at 5 A.M. & got back at 5:30 P.M. Day partly cloudy.

14456 ✓ *Metallura smaragdini collis*

♂ 100

black | black

14457 ✓

"

"

♀ 92

**

14458 ✓ " *malagae*

♂ 124

black | black

Tail below gleaming iridescent coppery!

14459 ✓ *Agelaius parrisi*

♂

black, pink at base below | black

121

14460 ✓ *Helianthea voliter*

♀ 152

black | dusky

14461 ✓

"

"

♂ 154

14462 ✓

"

"

♂ 153

14463[✓] *Helianthea volifer*

♂ 155

14464[✓] *Pterophanes cyanopterus*

♂ 185

black / dusky flesh

14465[✓]

"

"

♂ 189

14466[✓] *Scytalopus aetirostris*

(?) 110

brown / blackish, brown below / brown horn

14467[✓]

"

"

♀ 122

14468[✓] *Scytalopus*

(?) 126

(same as *Saudubianus*) black, dull flesh all over / dark brown

14469[✓] *Schizoea parterti*

♀ 174

hazel / black, paler below / leaden

14470[✓]

"

"

♀ 190

14471[✓]

"

"

♀ 161

14472[✓]

"

"

♀ 176

14473[✓]

"

"

♂ 195

14474[✓] *Ochthoeca funicolor berlepschi*

♀ 160

brown / black / black

14475[✓]

"

"

"

♂ 169

14476[✓] *Basileuterus nigrocristatus evophrys*

♀ 151

brown / black / yellowish brown

14477[✓]

Atlapetes melanops

♂ 167

brown / black / black

X
14478 ✓ *Anthus bogotensis* ♂ 171
brown | black, pink below, tip black | pink, growth dusky

14479 ✓ " " " ♂ 174

14480 ✓ " " " ♂ 174

14481 ✓ " " " ♂ 170

14482 ✓ *Myiochanes f. fumigatus* ♂ 195
brown | black, brown below | black

14483 ✓ *Cinnycerthia fulva* ♂ 141
gray | black, bluish pink below | leaden drab

14484 ✓ *Bothraopis m. montana* ♀ 236
brown | black, pale brown at base below | black

14485 ✓ " " " ♀ 237

14486 ✓ *Arremonops igniventris* T.E. ♂ 189
brown | black | black

14487 ✓ *Amphispiza rubro-cristata* ♂ 230
red | bluish pink basally, black apically | black

14488 ✓ *Diglossa carbonaria* (?) juv. juv ♀ 147
brown | black, leaden at base below | black

14489 ✓ *Pseudocolaptes baissoneuti* ♀ 233
brown | black, pink below invariably & trivittate | olive leaden

14490 ✓ *Psilopsiagon orbigny* ♂ 186
pale blue | olive green, yellowish below | drab.

** 14491 ✓ *Cacicus chrysomatus* ♂ 305
blue | pink, yellowish above & at base below, bluish basally
above + apically below | black

✓ 14492 *Cacicus chrysomelas*

♂ 315

✓ 14493 *Notboplecta Inermis perulana*

(M) ♀ 385

brown | uniformly reddish brown | yellow

✓ 14494 *Notboplecta orinota*

(M) ♂ 363

brown | black, fluff below, top black | drab

Incachaca, June 1

✓ 14495 *Thamnopelia aspersiventris*

♂ 156

brown | black | leaden

✓ 14496 *Piaya cayana obscura*

♂ 447

red | olive green basally, yellowish green apically | black

Incachaca, June 3.

Berto, went out on mesa, found very few birds. I worked on collection, labelling etc.

✓ 14497 *Troglodytes solstitialis*

♂ 120

brown | black, fluff below basally | brown horn

✓ 14498 *Atlapetes melanops*

♀ 167

brown | black | brownish black

✓ 14499 *Agelaiocercus mocca*

♀ 110

black | black

✓ 14500 *Helianthus amethysticollis*

♀ 110

black | black

✓ 14501 Long Tailed Rat: 296-167-33-22 ♀

X

14502[✓] *Delothraupis castaneiventris* ♀ 174
brown | black, leaden below | leaden horn

14503[✓] *Oropelia violacea* ♀ 226
orange | black | purplish black

14504[✓] Bat. ♂ 100 - 42 - 300 - 15

14505[✓] " ♂ 95 - 40 - 310 - 16

14506[✓] *Thermophilais longirostris* (?) ♀ 248
brown | black | brownish black.

14507[✓] *Leistes militaris superciliosa* ♀ 185
brown | brownish horn, pink below | brown horn

14508[✓] Long Tail Rat 255 - 139 - 30 - 22 ♀ ^{imm}

14509[✓] *Cinclus leuccephalus* ♂ 172
brown | black | leaden blue, sides & toes black.

Incahuasi ("La Adnana") June 4.

Birds, many at once up as far as to Canchab. fine rain & fog all day
returned at 5 P.M.

14510[✓] *Thlypopsis ruficeps* ♂ 135
brown | black, leaden blue below | leaden blue

14511[✓] *Cinnycerthia fulva* ♂ 150
gray | black, bluish pink below | dark horn

14512[✓] *Anisognathus igniventris* ♀ 187
brown | black | black

14513[✓] " " ♀ 175

14514[✓] " " ♀ 190

X

[40]

✓ 14515 *Hemispingus atro-pileus calophrys* ♂ 160
brown | black, leaden blue below | leaden blue

✓ 14516 *Catamblyrhynchus diadema* ♀ 137
brown | black, dark brown below | black

✓ 14517 " " ♂ 157

✓ 14518 *Phrygilus unicolor* ♂ 162
brown | black, dark brown below | brownish black

✓ 14519 " " ♀ 149
— | black, brownish, plum below | brown brown

✓ 14520 *Ochthoeca fuscicollis barlepsi* ♂ 165
brown | black | black

✓ 14521 *Muscisaxicola alpina grisea* ♀ 188
brown | black | black

✓ 14522 " " ♂ 196

✓ 14523 *Circus fuscus albiventris* ♂ 179
brown | black, plum below | black

✓ 14524 *Psittopsitta d'orbigny* ♀ 189
brown | yellowish blue | yellow

✓ 14525 " " ♂ 185

✓ 14526 *Pipreola arcuata* ♀ 222
yellow | crimson | scarlet

✓ 14527 *Soroplex r. rupicola* ♂ 356
brown | black | leaden blue

✓ 14528 *Turdus chiguanco anthracina* ♂ 315
brown | red orange | yellow

+

June 5 Incahuasi

Berto & Mike skinned yesterday. Berto & I worked on collection.

Incahuasi June 6.

The birds were killed by don Juan yesterday evening, & the 2 Opossums taken in traps down below El Alto Summit during night.

14529 ✓ Ochthoeca t. thoracica ♂ 146
brown | black | black

14530 ✓ Veniliornis f. fumigatus ♂ 182
brown | black, dirty brown below | deaden

14531 ✓ Leistes militaris ♀ 176
brown | brownish brown, pink below | dirty brown

14532 ✓ Trogonurus perscnatus ♂ 283
brown | yellow | yellow

14533 ✓ Zonotrichia capensis peruviana ♂ 163
brown | blackish brown, dirty pink below | dirty pink

14534 ✓ Rat Opossum 252-145-18-21 ♀

14535 ✓ Black Opossum 770-380-68-48 ♀

Guacachaca, June 7.

Birds went shooting & I worked in brush & Stenulachis Ltd. I took arranged birds & went to traps. Stuffed birds in "m".

✓ 14536 *Metallura smarydincollis* ♀ 95
black | black

✓ 14537 *Hyalocorvus mexicanus smaragdina* ♀ 115
black | black

✓ 14538 *Columbina picui* (M) ♂ 197
pale purplish blue | black, yellow at base below | purplish blue

✓ 14539 *Thamnoparus aspersiventer* ♂ 167
brown | black | leaden blue

✓ 14540 " " ♀ 163
— | black, leaden blue below | leaden blue

✓ 14541 *Calospiza vassori stricorula* ♀ 147
brown | black, bluish black below, top black | leaden blue

✓ 14542 *Pipreola intermedia signata* ♂ 215
gray | crimson | scarlet

✓ 14543 *Pipreola arcuata* ♂ 269
yellow | crimson | scarlet

✓ 14544 *Araillaria erythrotis* ♂ 212
brown | black | leaden blue

✓ 14545 *Cinclus leucocephalus* ♂ 175
brown | black | leaden blue, sides of face black

X

- 14546 ✓ *Turdus serranus* ♀ 279
brown blackish yellowish brown
- 14547 ✓ *Coccyus chrysolaus* ♂ 314
pale blue / pale olive yellow, leaden blue at base / black
- 14548 ✓ *Piaya cayana obscura* ♂ 458
carmine / olive green, paler apically / brown blue
- 14549 ✓ *Columba a. albilinea* (M) ♀ 355
pale hazel / yellow, top dusky / Indian yellow
- 14550 ✓ *Penelope s. sclateri* ♀ 640
brown / ^{dark} brownish, paler below pink blend
- 14551 ✓ " " " ♂ 645
- 14552 ✓ Black Oppossum (with near end of tail) 768-368-65-52 ♂
- 14553 ✓ " " 778-386-65-49-♂
- 14554 ✓ *Pipreola intermedia signata* ♀ 217
gray / brown / scarlet
- 14555 ✓ *Atlapetes melanops* ♀ —
brown black / dusky brown

We both went up river to canal mitake, then I worked up opposite slopes & Bert went high up the valley. He shot a bear, but it escaped wounded.

Incachaca, June 8

[42]

- ✓ 14556 *Basileuterus nigri-cinctatus euophrys* ♂ 149
(yellow supercilious; green pileus)
brown | black | ^{light} yellow
- ✓ 14557 *Myioborus melanocephalus bolivianus* ♀ 151
brown | black | black
- ✓ 14558 *Synallaxis aiazarae* (?) 177
hazel | black, horn blue below | olive leaden
- ✓ 14559 *Conirostrum lugens* ♂ 134
brown | black | blackish horn
- ✓ 14560 *Turdus s. serranus* ♀ 273
brown | yellow, streaked with blackish | yellowish brown
- ✓ 14561 *Veniliornis n. nigriceps* ♂ 200
brown | black, bluish flesh below | olive leaden
- ✓ 14562 *Pionopsitta melanotis* ♂ 257
hazel | pale horn blue | dirty olive drab.
- ✓ 14563 Black Opposum. 745-350-45-43 ♀
- ✓ 14564 Long Tail Rat 307-163-36-24-♂
- ✓ 14565 Squirrel 373-190-50-25-♀
- ✓ 14566 *Periolope s. sclateri* ♂ 637
brown | black | pink blood
- ✓ 14567 " " " ♀ 587

X
Berts.

- 14568 ✓ *Basileuterus nigrocristatus euphrys* ♂ 152
- 14569 ✓ *Scytalopis* ——— sp. (?) 118
brown | black | dusky horn
- 14570 ✓ *Thamnophilus aspsiventor* ♀ 156
brown | black, leaden blue below | leaden blue
- 14571 ✓ *Comirostrum lugens* ♂ 132
brown | black | dark leaden
- 14572 ✓ " *sitticolor cyaneum* ♀ 135
brown | black | dark horn
- 14573 ✓ *Buarremon torquatus* ♂ 197
brown | black | blackish horn
- 14574 ✓ *Dolothraupis c. castaneiventris* ♂ 174
brown | black, leaden blue below | black.
- 14575 ✓ *Ochthodietta fusciorata* ♀ 205
brown | black | black.
- 14576 ✓ *Pipreola intermedia signata* ♂ 212
pal. hazel | crimson | scarlet
- 14577 ✓ *Odontophorus balliviani* (M) ♂ 300
brown | black | leaden
- 14578 ✓ *Myiothreptes s. striaticollis* ♀ 249
brown | black | black
- 14579 ✓ *Thripadectes* ——— ♂ 220
brown | black, pink mottled below | olive leaden

Lucachaca, June 9.

No shooting today, weather bad. Packed up all specimens & loaded some cartridges.

Lucachaca, June 10

Berta & I went up to the "Adhuana" for whole day. It rained between 330 & 5 AM, but we started at 530. Day very bad, fog, mist & rain. I worked up from quebrada to top of ridge, then back over pampas & old trail to the Adhuana. Took boy along to get traps. I set in boggy meadows. I returned at 330, Berta later.

14580 ✓ *Scytalopus acutirostris* imm ♀ 13
brown | black | brown horn

14581 ✓ *Basileuterus nigricristatus coepheus* ♂ 153
brown | black | yellowish brown.

14582 ✓ *Myioborus m. melanocephalus* ♀ 147
brown | black | black

14583 ✓ " " " (?) ♂ 141

** 14584 ✓ *Hemispingus* ♂ 152
brown | black, dusky black below | brown horn

Bill brown & ridge & whole side of head (below eye) & side of neck black; median line of forehead ashy olive; broad superciliary to ridge creamy buff; back & wings dark olive; chin white, rest below cinnamon rufous, with centre of abd. buffy yellow.

14585 ✓ " " " imm ♂ 147

14586 ✓ *Ochthoeca jelskii boliviensis* ♂ 136
brown | black | black

X

14587 ✓ *Cinnycerthia fulva* ♀ 142
~~gray~~ black, flesh below - mainly dusky brown

14588 ✓ *Ochthoeca fumicolor berlepschi* ♀ 161
 brown | black | black

14589 ✓ *Delothraupis c. castaneoventris* ♀ 171
 brown | black, leaden blue below | blackish

**
 14590 ✓ *Arallania* sp. nov. ♀ 157
 brown | black | leaden blue
 Upper part dark sooty brown, throat & chest
 tawny buff, paling posteriorly to grayish buff
 ventrals whitish

14591 ✓ *Arallania erythrotis* ♀ 207
 brown | black | leaden blue

14592 ✓ *Cacicus chrysomotus* ♂ 309
 pale blue | pale brown blue, ridge pale yellow
 feet blackish

**
 14593 ✓ *Piccabia* sp. nov. (?) ♂ 2.80
 yellow | olive green, leaden blue below | blackish flesh
 Upper parts leadish, with small white spots
 on pelvis, nape & mantle, more buffy on
 lower back & scapulars; wings, coverts, under
 coverts black; wing patch blackish; primaries
 with buffy ochraceous spots on outer web
 about 15 mm apart; toes black; spot above
 eye white; whole face blackish, with large
 white throat patch; chest brownish black
 (lower 1/2) rest below buffy ochraceous
 streaked sparsely with black; thighs pale
 uniform; tarsus dusky.

X

[44]

14594 ✓ *Metallura malagae* ♂ 126
black | black

14595 ✓ " " ♀ 115

14596 ✓ *Pterophanes cyanoptera* ♀ 179
black | pink

** 14597 ✓ *Muscisaxicola albilora* ♂ 186
brown | black | black

14598 ✓ *Anthus bogotensis* ♀ 167
brown | black, flesh below, up black | flesh.

14599 ✓ *Asthenes maculicauda* ♂ 177
brown | black, flesh below | olive leaden

14600 ✓ " " ♂ 177

14601 ✓ " " ♀ 178

14602 ✓ " " ♂ 178

14603 ✓ *Grallaria* sp. new (No. 14590) ♂ 160
brown | black | leaden

14604 ✓ *Geositta tenuirostris* ♂ 206
brown | black, flesh below basally | black

14605 ✓ *Phrygilus unicolor* ♂ 153
brown | black, dusky, flesh below basally | brown leaden

14606 ✓ " " " ♂ juv 150

14607 ✓ *Agriornis microptera andacola* ♂ —
brown | black, dusky, flesh below | black

14608 *Cacicus chrysoneus* ♂ 302
(14592)

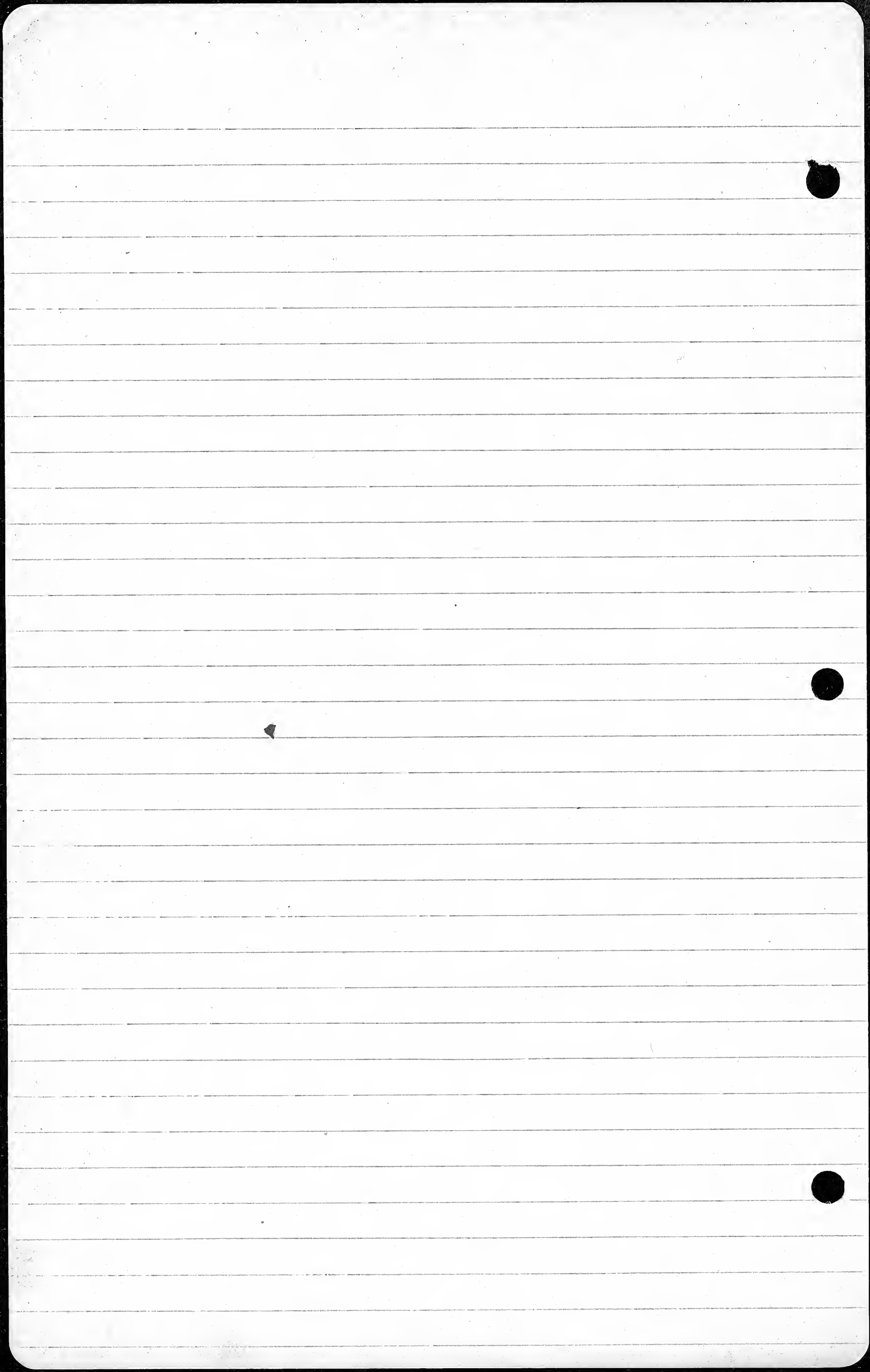
Lucachaca, June 12

- 14609[✓] *Thermochalcis longirostris* (?) ♀ 232
brown/blackish/brown horn
- 14610[✓] Short tail *Microtus* 197-84-22-16-♀
- 14611[✓] " " " 162-72-21-13-♀
- 14612[✓] *Peromyscus* 210-120-25-14½-♀

Incachaca, June 13

- 14613[✓] *Schistospiza griseocristata* ♂ 135
brown/black, flesh below, tip black/black
- 14614[✓] *Lophotriccus* (?) ♂ 98
brown/black, flesh at base below/brown horn
- 14615[✓] *Ochthoeca jelskii boliviensis* ♀ 120
brown/b/b.
- 14616[✓] *Ochthoeca l. leucophrys* ♂ 143
brown/black/black
- 14617[✓] " " " ♂ 138
- 14618[✓] *Vireosylva leucophrys laetissima* ♂ 114
brown/black, leaden below/leaden
- 14619[✓] *Ochthodietta fuscoviridis* ♀ 80
brown/b/b

[45]



Palmar, July 1, 1937 - 2500 ft.

All hands out. Bets down road towards Bismuth Camp,

Wick & I down new road to point opposite " "

* 14620 ✓ *Todirostrum chrysocrotaphum* ♀ 81
yellow | b | leaden

* 14621 ✓ *Myiornis albiventris* (T.E.) ♂ 89
hazel above | black, flesh below, broadly | flesh

* 14622 ✓ *Habia rubica amabilis* ♀ 183
brown | blackish tan above, tip yellowish | brown below

14623 ✓ " " " juv ♂ 184
— | blackish, pale brown below —

14624 ✓ " " " ♀ 182
— | blackish, tip & throat pale —

* 14625 ✓ *Myioborus verticalis* ♀ 134
brown black | b

* 14626 ✓ *Basileuterus rivuloris bolivianus* (T.E.) ♂ 142
brown black, pale at base below | brown black

** 14627 ✓ *Dysthymus mentalis tavarae* (T.E.) ♂ 126
brown | black | leaden blue

14628 ✓ " " " ♀ 121
" | black, bluish flesh below | leaden blue

* 14629 ✓ *Myiornis hemionela* (AD) ♀ 132
brown | black, pale at base below | flesh

* 14630 ✓ *Thryothorus genibarbis bolivianus* ♂ 146
8-11 hazel | black, leaden blue below | dark brown

- * 14631[✓] *Pachysylvia ochraceiceps viridior* (T.E.) ♂ 122
white | blackish, blue | blackish | pale leaden blue
- ** 14632[✓] *Pipramiophya c. oleaginea* ♂ 138
brownish | brownish black below | brownish | leaden blue
- 14633[✓] *Tanagra xanthogaster roticeps* ♂ 113
brown | black, pale leaden blue below | locally |
- ** 14634[✓] *Piranga* (green, with blue cap) ♀ 106
hazel | black, pale brown blue below | leaden brown
- * 14635[✓] *Schistornis turdinus steinbachii* ♀ 199
pale lead | blackish, leaden below | locally | leaden blue
- * 14636[✓] *Chlorothraupis olivacea frontata* (T.E.) ♂ 182
brown | black, brownish blue pale | leaden blue
- 14637[✓] " " " ♀ 173
— | — | —
- ** 14638[✓] *Tangara arthuri sophiae* ♀ 144
brown | black | leaden blue.
- * 14639[✓] *Tangara punctata punctulata* ♀ 131
brown | black, leaden below | leaden
- 14640[✓] " " " ♂ 129
- * 14641[✓] *Xiphorhynchus ocellatus brevirostris* (P.) 213
brown | dusky brown, blackish below, brown blue below | olive leaden
- 14642[✓] *Chloronotus roiginosus canipalms* ♂ 247
16-3) brown | black | leaden

19-4

X

* 14654 ✓ *Pipraeidea merulenta venezuelensis* ♀ 150
brown | black, leaden blue below | leaden

14655 ✓ *Tanager xanthocephalus ruficeps* ♂ 122
brown | black, leaden blue below locally | leaden black

14656 ✓ " " " ♀ 117
" | leaden

14657 ✓ " " " ♀ 118
" | brown

** 14658 ✓ *Chlorophanes cyanea longipennis* ♂ 119
brown | black, leaden blue | leaden

* 14659 ✓ *Tachyphonus l. luctuosus* (T.E.) ♂ 142
brown | black, maroon leaden blue | leaden

* 14660 ✓ *Philydor erythrorhous subtilus* (T.E.) ♂ 160
brown | black, bluish black below | olive yellow

* 14661 ✓ *Automolus ophiorhynchus* (T.E.) ♂ 211
brown | blackish brown, bluish olive below | olive

14662 ✓ *Xiphocolaptes ocellatus brevirostris* (T.M.E.) ♂ 219
brown | pale brown, dusky at base + bluish black below | olive leaden

** 14663 ✓ *Attila spadiceus* juv ♂ 193
brown | black | pale leaden blue

14664 ✓ *Schiffornis tordinus steinbachii* (T.E.) ♂ 176
brown | black, leaden at base below | leaden

14665 ✓ *Tanager arthus sephiae* ♂ 147
brown | black | leaden blue

* 14666 ✓ *Tanager schranki* ♀ 135
26-6 | brown | black, black below locally | leaden blue

26-6

X

[48]

14667

✓

Tangara porphyrocephala

♀ 132

brown/black, black, blue below, tip black | leaden

* 14668

✓

Pipra chloromeros

♂ 118

dark blue/black, blue below, tip black | leaden

*

14669

✓

Ramphocelus carbo atrovirens

♂ 180

brown/black, black, blue below, tip black | leaden

*

14670

✓

Vireo c. olivaceus

♀ 140

brown/black, black, blue below, tip black | leaden

14671

✓

" " "

♂ 154

*

14672

✓

Ostinops sincipitalis australis 1?

♀ 410

gray, pale green, brown below, black

Palmar, July 3.

Rain during night + this morning, all forenoon.
 Impossible to go shooting. I cleaned up odds + ends of
 work + wrote some labels. About 1300 we were able to
 go out, but went down road to Bolivar + Huerta +
 I went up to Palmar. Birds almost non-existent
 + between all of us only 6 were taken (one discarded).

14673

✓

Tanagra xanthogaster ruficeps

♀ 117

brown/black, leaden blue below, tip black | leaden

*

14674

✓

Phaethornis longirostris boliviensis

♂ 171

black, pinkish yellow below, leaden | leaden

**

14675

✓

Piranga leucoptera ardens

♀ 156

brown/black, brown blue below | leaden

14676

✓

Ostinops sincipitalis australis

♀ 405

32-7/ blue gray | old moss | black

32-71

X

14677[✓] *Ostinops decumanus maculosus* ♀ 396
blue / yellowish wing / black

Palmar, July 4

Cloudy this morning, but no rain. Bert & Mike went up to Palmar & above, while I went down river road. About 3 Km. down I turned into the jungle, wandered around for an hour, then found an old pica, barely discernable, which I followed for some distance, then lost in a small creek. Not wishing to turn back & followed on down this creek, thinking it would join into the Rio San Mateo, but after a long time I came out to another river, $\frac{1}{2}$ size of San Mateo.

I followed down this & at 12⁴⁰ reach the San Mateo & the right of way of the road. It took me 3¹⁵ hours to get up to the camp, 5 Km. below here, arriving at 4 P.M. must be exhausted from hunger & hard tramping. They gave me a drink of River & some food & coffee, & then I started on again at 4⁴⁰. About 2 Km. up road I met the Mayor & Bert & a person out looking for me, very much worried & with good reason too.

Fortunately no rain, & considerable sun from 12 to 1³⁰ P.M.

* 14678[✓] *Myiophobus fasciatus flammiceps* ♀ 138
brown / black, brownish pink below &

* 14679[✓] *Coereba^{c.} chloropyga* ♂ 112
brown / leaden

14680[✓] " " " ♂ 114

14681[✓] *Myioborus v. verticalis* ♂ 145
brown / b / b

34-71

34-71

X

[49]

14682[✓] *Pipraeidae melanotis venezuelensis*
 hazel / black, pale brown below

♂ 156
mm

14683[✓] *Basilentus rivularis bolivianus*
 brown / yellowish brown

♂ 156

14684[✓] *Tangara punctata punctulata*
 brown / leaden blue below / leaden blue

♂ 127

14685[✓] *Chlorothraupis olivacea teneata* (T.E.)
 brown / black / leaden blue

♂ 182

14686[✓] " " " " ♀ 182

14687[✓] *Ramphocelus carb. atrosexericeus*
 brown / black, dark brown below / leaden blue

♀ 190

* 14688[✓] *Conopophaga a. ardesiaca*
 brown / black, pale blue / leaden blue

♀ 147

* 14689[✓] *Pyriglena leuconota hellmayri*
 red / black / black

♂ 175

14690[✓] " " " " ♂ 193

* 14691[✓] *Myiodynastes eichscephalus*
 brown / black, glaucous brown / leaden blue

♂ 237
mm

14692[✓] *Scapanus trachelopyrus* (M) ♀ 335
 stream / white brown, sides along sides / dark brown

14 63

37-71

37-71

MAC - *Acronyctus*

14693[✓] *Dysthymus mentalis tararae* (T.E.) ♂ 128
 brownish, leaden blue below leaden blue

14694[✓] " " " ♀ 126

* 14695[✓] *Microcerulus marginatus bolivianus* (T.E.) ♂ 133
 brownish, leaden blue above, leaden blue

* 14696[✓] *Thryothorus s. solitarius* ♂ 156
 red black, leaden blue above leaden blue

14697[✓] *Polioptila caerulea viridis* (T.E.) ♂ 127
 black, pale brownish, pale leaden blue

* 14698[✓] *Alcedo chloris spinicauda* (T.E.) ♂ 156
 brownish, pale brown, leaden blue

* 14699[✓] *Tanager maculosa tararae* ♂ 110
 red, black, leaden blue, leaden blue

* 14700[✓] *Tanager c. castaneus* ♂ 152
 brownish, leaden

14701[✓] " " " ♂ 155

14702[✓] *Chlorothraupis olivacea frenata* (T.E.) ♂ 172
 brownish, leaden

Palmar July 5

There was no skinning done last night except the 5 birds from July 3, so we had to stay in today & skin yesterday's specimens. Finished at noon, but it rained off & on all afternoon, so nobody could go out. I wrote up labels to date & had dinner going all afternoon.

42-8

July 6 - Palmar

This morning was first day here and saw sun early.
 Rain in night but drifting clouds & sun till 1 P.M., then
 cloudy. All three of us went up road in work truck with
 working above Palmar. I higher & went up to Km. 95. Mike
 & I got back in truck at 1 P.M. But got in late.

14703 [✓] *Microtus* (same as 14443) 162-65-25-14-♂

14704 [✓] *Drythames mentalis torquatus* (nesting) ♂ 127
 brown \ black, head brownish \ brownish

Found nest of this bird, & studied & captured, though I mistook
 it. I saw by, nest in heavy forest, 1 ft from ground
 suspended from side in nest of small shrub. Made of
 fine bark fibres, with some moss on outside, & lined
 with fine brown fern fibres, about 2" dia. inside & depth.

Contained 1 egg ready to hatch & 1 very young bird.
 Egg oval, about 12 x 16 mm, creamy white with
 specks, some splotches of purplish chestnut, very
 heavy & some large and + few small at small end.

* [✓] 14705 *Chiroxiphia borealis boliviensis* ♂ 142
 brown \ black \ pale brown

14706 [✓] *Hyphantornis ocellatus* ♀ 148
 brown \ blackish blue, blue brown below & blue

* [✓] 14707 *Anas tricolor* ♀ 208
 brown \ blackish, blue feet & below, blue

14708 [✓] *Adelomyia inornata* ♀ 93
 black \ blackish, also blue

14709 [✓] *Basileuterus tristriatus punctipictus* ♀ 130
 brown \ brownish black, blue below \ brownish below

44-8

X

14710[✓] *Thlypsopsis ruficeps* ♂ 138
brown black, leaden below | leaden blue

14711[✓] " " ♀ 134

14712[✓] *Allopiocercus l. leucophrys* ♀ 133
brown black | black

14713[✓] *Thamnocephalus aspersiventris* (T.E.) ♂ 161
brown black | leaden blue

14714[✓] *Chiroxiphia parvula beliviana* ♂ 138
brown black | brown blue

14715[✓] *Tangara arthurs sophiae* ♂ 153
brown black | leaden blue

14716[✓] " *Xanthocephala lamprotis* ♀ 139
brown black | leaden blue

14717[✓] *Eubucca v. versicolor* ♀ 168
red | olive green, red dusky | blue

14718[✓] *Thermochalcis longirostris* ♀ 236
brown black | brown black

* 14719[✓] *Campylorhynchus trachirostris* (T.E.) ♂ 277
brown | pale reddish brown, base & tip dusky | blue

14720[✓] *Chloronotus rubiginosus canipallus* ♂ 258
brown black | leaden

14721[✓] " " " " ♂ 254

45-8

45-8

X

[S]

✓ 14722 *Trogonus personoros*

♂ 290

brown | orange yellow, under throat | dusky yellow

Palmar, July 7.

Berto & I went to Palmar, to see the ...
+ 2 other birds. Mike went down main highway, but got
nothing. No rain today + some sun from 10 to 12.✓ 14723 *Cyanocorax cyanus*

♀ 397

brown | b | b

✓ 14724

"

"

♂ 400

*

✓ 14725 *Leptoptila rufaxilla rufaxilla*

♀ 283

yellow | black | purple | black

**

✓ 14726 *Mormothorax leucogaster*

(T.E.) ♂ 113

brown | black, leaden blue above | leaden blue

**

✓ 14727 *Platylabus albigularis* (?)

(M)

♀ 97

brown | brown, testis | mandible | pale blue | blue

✓ 14728 *Dystheneis mentalis talaris*

(T.E.) ♂ 124

brown | leaden blue above | leaden blue

✓ 14729

"

"

"

♀ 126

| b, black | black | black

✓ 14730 *Myiarchus cinerascens*

imm ♂ 138

brown | b | leaden blue

** 14731 *Synallaxis cabanisi fulviventris*

(T.E.) ♂ 165

brown | black, leaden blue above | dull blue

48-10

✓ 14732

"

"

"

(T.E.) ♂ 161

14733[✓] *Thryothorus genibarbis belivianus* (T.E.) ♂ 159
 head & throat blue brown | throat brown

14734[✓] *Thryothorus aeryae* ♂ 156
 head black, throat blue brown | throat blue

14735[✓] " " ♂ 158

14736[✓] " " ♀ 157

14737[✓] " " ♀ 154

14738[✓] *Atalapha o. carolinensis* ♀ 194
 head black, throat blue brown | throat

14739[✓] *Myiarchus cinerascens* ♀ 202
 head black | throat

14740[✓] *Myiospiza aurifrons meridionalis* (M) ♂ 140
 head black, throat blue brown | throat black

14741[✓] " " (T.E.) ♂ 141

14742[✓] " " ♀ 138

14743[✓] *Ramphocelus carbo atrescens* ♂ 174
 head black, throat blue brown | throat black

14744[✓] *Cissops leveriana* ♀ 265
 head black | throat

14745[✓] *Buteo nattereri* ♀ 410
 pale brown | throat brown, ridge black | orange

Palmar, July 8

Bento went down below Palmar, I went down near
 a creek, with a net. I got last July 4.
 Mike up to Palmar, where he got 3 birds, Bigen, Swift &
 a Warbler. I got back at 130.

14746[✓] *Chlorothraupis olivacea frontata* T.E. ♂ 170
 brown | black, with white below | leaden blue

14747[✓] " " " " ♀ 177

14748[✓] *Xiphothynchus ocellatus* ♀ 218
 brown | pale brown, dusky, basally, bluish below | olive leaden

14749[✓] *Leptoptila faxilla desesi* ♂ 225
 blue | black | purplish blue

14750[✓] *Chlorothraupis olivacea frontata* ♀ 172
 brown | black | leaden blue

* 14751[✓] *Procnictes* T? ♀ 110
 brown | black, pale brown | leaden blue

14752[✓] *Dysthura cristata tarrae* ♂ 126
 brown | greyish blue | leaden blue

14753[✓] " " " " ♀ 127

14754[✓] " " " " ♀ 124

* 14755[✓] *Basilornis binnatus* ♂ 146
 brown | black | yellowish brown

14756[✓] " " " " ♀ 147

54-14)

X

14757[✓] *Myioborus verticalis* ♀ 135
brown / black

* 14758[✓] *Thalassidroma brevicauda* (L.) ♀ 164
brown / black

* 14759[✓] *Myioborus m. myioborinus* ♂ 140
brown / black

14760[✓] *Chiroxiphia parula boliviensis* ♀ 136
brown / black

14761[✓] *Chlorospingus optatus fulvirostris* ♀ 136
brown / black

* 14762[✓] *Xenops minutus chrysos (T.E.)* ♂ 134
brown / black, pale green / brown

** 14763[✓] "Red Tanager" ♀ 166
brown / black, white / black

14764[✓] *Philyder erythrorhynchus subtilis (T.E.)* ♂ 182
brown / black, white / black

14765[✓] *Heteractes o. ochrolaemus* ♀ 200
brown / black, pale green / black

* 14766[✓] *Pachyrhynchus polyphragmus niger (T.)* ♂ 165
brown / black, white / black

14767[✓] *Tangara arthus sarothrae* ♀ 145
brown / black / leaden

14768[✓] " " " ♂ 149

59-15)

* 14769^v *Lanius versicolor* (T.E.) ♂ 175
brown | black

14770^v " " (T.E.) ♂ 172

14771^v " " ♀ 166

14772^v *Hadia rubica amabilis* (T.E.) ♂ 197
brown | black, tan | dark brown

* 14773^v *Vanilornis aethiops haematostigma* (T.E.) ♂ 198
brown | black, same blue below basally | dirty under

** 14774^v *Chaetora brunneitorques* (M) ♂ 142
brown | black

14775^v *Meridynastes coryscephalus* ♂ 233
brown | black, fluff at base | lead

* 14776^v *Amazona mercenaria* ♀ 326
red | black, long way black | dirty olive

14777^v *Rupicola peruviana s. terata* ♂ 372
white | orange | yellow

Palmar, July 9

Five seen, last two seen in P.W. I went down
Haw. plane at 10:00, to the same place, to the up
to the 10:00. 10:00 I heard

14778^v *Pipra chloromeias* ♀ 122
gray brown | blackish, pale brown below | pale brown

14779^v *Myiospiza aurifrons* ♀ 135
hazel | black, brown blue below | pale brown

63-16

X

14780[✓] *Scapanus trachelopyrus* (T.S.E) ♂ 356
 yellow | pale brown, blue | black

14781[✓] " " " ♂ 362

14782[✓] *Repicula peruviana saturata* ♀ 360
 red brown | black, tip orange | blackish, pale yellow

* 14783[✓] *Pogonotriccus atlenis* ♀ 121
 red-brown | black, bluish | blackish | white

14784[✓] *Pipra* (green-brown cap) ♂ 102
 red-brown | black, pale brown | blackish | brown

* 14785[✓] *Compsothlypis pitayumi melanocephala* (T.E) ♂ 115
 brown | black, yellow | blackish | brown

14786[✓] *Leptopogon superciliosus albiventer* ♀ 143
 brown | black, black | blackish | black

14787[✓] *Myiomeiza hirsutissima* ♂ 134
 brown | black | pale bluish | black

14788[✓] " " " ♂ 127
 — | — | leaden blue

14789[✓] *Dyschaminus mentalis fuscus* ♀ 124
 brown | black, brownish | leaden blue

14790[✓] " " " ♀ 125

** 14791[✓] *Ateleodacnis s. speciosa* (?) ♂ 130
 orange | black | black

63-17
 blackish, indigo, blue, except lower mandible feet
 black.

14792 ✓ *Chlorophia perota peruviana*
 brownish, greenish, reddish brown

♂ 141
min

14793 ✓ *Philodas eithnericus schubertii* ♀ 173
 brownish, greenish, reddish brown, greenish, blue

14794 ✓ *Philodas eithnericus schubertii* ♂ 164
 red-brown, greenish, reddish brown, greenish

* 14795 ✓ *Calidris leucogaster* ♀ 185
 yellowish, greenish, reddish brown, greenish

14796 ✓ *Heteractes eithnericus* ♀ 195
 brownish, greenish, reddish brown, greenish

14797 ✓ " " " (T.E.) ♂ 205

14798 ✓ *Philodas eithnericus schubertii* (T.E.) ♂ 186
 brownish, greenish, reddish brown, greenish

14799 ✓ " " " ♀ 180
 brownish, greenish, reddish brown, greenish

14800 ✓ *Phalaena rubra americana* (T.E.) ♂ 205
 brownish, greenish, reddish brown, greenish

14801 ✓ *Rupicola peruviana saturata* ♂ 385
 yellowish, orange, orange-yellow

67-17

X

Palmar, July 10

We all went to Palmar, Bert & Mike working on the flat between the rivers, while I went up on the mountain side along road. I got up three Chamaea Conopophaga; Prunoxiplex, & Basilictes. Mike got 2 birds, the Parrot & jay.

14802^v Cyanocorax cyanomelas ♂ 379
brown | b. | b.

* 14803^v Picurus megalonyx (T.J.E.) ♂ 294
brown | black, red, max red above | sides brown

* 14804^v Cephalopterus c. cernatus ♀ 460
pale blue-gray | black, lower blue below | border black

14805^v Coccyzus ch. chloropygia ♀ 118
brown | b. | b. | black

14806^v Conopophaga a. ardesiaca ♀ 145
brown | black, flat below | border blue

14807^v Basilictes caeruleus notus (T.E.) ♂ 150
brown | b. | brownish yellow

14808^v Thamnophilus elegans ♀ 155
darkish brown | b. | lower blue below | brown line

14809^v " " ♀ 157

14810^v " " ♀ 157

14811^v " " ♂ 160
brownish | black | —

69-17

69-17

[55]

14812[✓] *Premnoplex brunneiceps stictocetus* ♀ 142
brown | black | black | black | black

14813[✓] *Thryothorus gambelii boliviensis* (T.E.) ♂ 163
red-brown | black | black | black | black

**

14814[✓] *Myiadestes viratoides* ♀ 185
brown | black | black | black | black

*

14815[✓] *Myiarchus cinerascens* (T.E.) ♂ 160
brown | black | black

14816[✓] *Elanoides forficatus* ♀ 183
brown | black | black | black | black

14817[✓] *Xiphocheilus scellatus brevirostris* ♀ 201
brown | black | black | black | black

14818[✓] *Chamaea cyclops boliviensis* ♀ 225
brown | black | black | black | black

*

14819[✓] *Turdus maculirostris* ♂ 237
brown | yellow | black | black

14820[✓] " " ♀ 235
black | black | black | black

14821[✓] *Ramphocelus carbo atropurpureus* ♀ 185
brown | black | black | black | black

14822[✓] *Cissopis leucostictus* ♂ 225
yellow | black | black

72-18

72-18

X

Palmar, July 11. (Sunday)

Rained all night last night & practically all day today. We dried, sorted & packed all the birds taken. cleaned guns, oiled chains & engines & packed up the loads in the cars. a full day for all hands.

Palmar, July 12.

We all went over toward Botiras, Bert & I taking the cult. tonight about a mile over. Good brush up in there, but about 900 began to rain hard. I shot a Red Billed Tropicbird, which fell in a pond & was ruined. I hurried back to camp. We both nearly got lost, but I cut my way out to camp & got to camp about 12:30 & Bert at 1 P.M. I only had one *Sheppardia*, which nothing, Bert the rest.

14823 ✓ Squirrel. (= *Quercus*) [101] 350-176-45-22 ♂

14824 ✓ *Myioborus verticalis* ♀ 140
brown | black | black

* 14825 ✓ *Myiozetetes similis* ♀ 110
brown | black, leaden blue below | leaden blue

14826 ✓ *Alouatta palliata* ♀ 153
brown | black, leaden blue below | leaden blue

14827 ✓ *Schiffornis tordus steinbachi* (T.E.) ♂ 178
gray | black, leaden blue below | leaden blue

14828 ✓ " " " (T.E.) ♂ 173

14829 ✓ " " " (T.E.) ♂ 181

* 14830 ✓ *Tangara gyrola catharinae* (T.E.) ♂ 149
brown | black, pale horned horn below | leaden blue

* 14831 ✓ *Oreopelia montana* ♂ 241

25-18 | red orange | crimson, tip brown horn | pinkish blue

75-181

X

[56]

**

14832 ✓ *Tinamus tao weddelli* (weight = 4.66.) (M) ♀ 530
brown | black, plum below | leaden blue.

14833 ✓ " " " (4 lbs.) (M) ♂ 550

Palmar, July 13

It rained all afternoon yesterday, & most of night. This morning was foggy, rain, with cold. I did not go out, & went to the river to see the nest in the nesthouse there. Birds laying numerous in this place. I tried to clean out all morning at Palmar, but for some reason. I got 10 birds & came in at 11:00. The birds were.

14834 ✓ *Myiozetetes longicauda australis* ♂ 112
brown | black, leaden blue below | leaden blue.

14835 ✓ " " " ♀ 112

14836 ✓ " " " ♀ 112

14837 ✓ *Geothlypis trichas* (?) (T.M.E.) ♂ 115
brown | black, leaden blue below | leaden blue.

*

14838 ✓ *Thlypopsis erithacus* ♂ 150
brown | black, leaden blue below | leaden blue.

14839 ✓ *Supralyris calanisi salvini* (T.E.) ♂ 160
brown | black, leaden blue below | leaden blue.

14840 ✓ *Thamnodon arayae* (laying) ♀ 158
brown | black, leaden blue below | leaden blue.

14841 ✓ " " " ♀ 160

shallow | black, leaden blue below | leaden blue.

75-19

14842 ✓ " " (T.E.) ♂ 152

✓ 14843 *Myrmeciza h. hemimelana* juv ♂ 134
brown | black | black

✓ 14844 *Tedivestrum chrysocrotaphum neohoton* ♂ 100
black | black | leaden

✓ 14845 *Myrmeciza h. hemimelana* ♂ 136
brown | black | leaden

✓ 14846 " " " juv ♂ 137

✓ 14847 *Pachyrhamphus polychropterus niger* ♀ 158
brown | black, black below | leaden

✓ 14848 *Synallaxis cabanisi fulviventris* (T.E.) ♂ 162
brown | black, brown below | black

✓ 14849 *Thryothorus gemibarbis boliviensis* (T.E.) ♂ 155
brown | black, leaden below | leaden

✓ 14850 *Pyrrhuloxia leucorhoa hallmayri* ♂ 145
red | black | black

✓ 14851 *Ammodramus nigricollis* ♀ 157
brown | black | black

✓ 14852 *Thamnopelia ussuriensis* (T.E.) ♂ 155
brown | black, leaden blue below (anally) | leaden blue

✓ 14853 *Ostinops sinuipitalis australis* ♂ 500
brown | brown, white apically | black

✓ 14854 " " " ♀ 408

77-19

X

[57]

Palmas, July 14.

Bento & I went out on road to Berlin, then up into hills. We got back about 1230. Birds very scarce. Took trail down along river, shot 1 *Serpophaga*.

14855 ✓ *Philydor erythrorhynchos subtilis* ♀ 177
brown | b, black | black | black | black | black

14856 ✓ " " " ♂ 180

14857 ✓ " " " (T.E.) ♂ 181

14858 ✓ *Myiodynastes c. chrysocephalus* ♀ 232
brown | b, black | black | black | black | black

14859 ✓ *Autornis o. ochrolaemus* ♀ 198
brown | black | black | black | black | black

14860 ✓ *Chlorothraupis olivacea crenata* (T.E.) ♂ 190
brown | b | black

14861 ✓ *Habia rubica amabilis* (T.E.) ♂ 197
brown | b, black | black | black | black | black

14862 ✓ " " " (T.E.) ♂ 196

14863 ✓ " " " ♀ 183
— | b, tip yellowish brown —

14864 ✓ *Schiffornis tordius steni* ♀ 174
hazel | b, black | black | black | black | black

14865 ✓ *Serpophaga c. cinerea* ♂ 118
brown | b | b |

77-19

77-19

X

14866 ✓ " " " " " " ♂ 154
head | b, leaden blue below | leaden blue

14867 ✓ " " " " " " ♀ 161

14868 ✓ Pogonotriccus othonis (T.E.) ♂ 129
ad. brown | b, bluish pink below | pale leaden blue

14869 ✓ Leptopogon superciliosus albidiventer ♀ 140
brown | b | leaden blue

14870 ✓ Tanager xanthogaster ruficeps ♀ 110
brown | b, leaden blue below basally | leaden brown

14871 ✓ Conopophaga a. ardesiaca ♀ 145
brown | b, pink below | pale leaden blue

14872 ✓ Pipra chloromeros ♀ 119
white | b, pink below basally | dusky pink

14873 ✓ " " " " ♀ 122
brown | - | dull leaden blue

14874 ✓ Chiroxiphia pareola bol — ♂ 139
brown | b | purplish brown

* 14875 ✓ Chlorophanes spiza caeruleascens ♂ 153
red | b, ^{lemon} yellow below | olive green

14876 ✓ Tanager guianensis antherinae ♂ 148
brown | b, pale brown below basally | leaden blue

14877 ✓ " " " " ♂ 142

78-19

14878 ✓ " " " " ♀ 139

78-19

X

[58]

✓ 14879 *Tangara arthys erythraea*
brown | black | leaden blue

♂ 152

✓ 14880 *Xiphorhynchus ocellatus brevirostris*
brown | pale brown, blackish on ridge | leaden

♂ —

Paluma, July 15

Berta went over beyond Bolivar, Mike drove
along river (I got 2 *Serpophaga*), while I went on
back up to Garcia's old camp & worked on mountain
side. I did not get back till 130, saw truck near
late in starting animal & returned up hill at 930.
Too late to find birds, & everything very scarce.
Only got 4 birds. Day fine & sunny till 1 PM.
then clouds. No rain today at all, but
cloudy in PM.

[19]

✓ 14881 *Agouti* 510-26-125-41 - ♂

✓ 14882 *Rupicola peruviana saturata* ♂ 372
white | orange | yellow

✓ 14883 " " " " ♀ 366
pale brown | black, tip orange | brownish black.

✓ 14884 *Praya cayana obscura* ♂ 475
carmine | pale pinkish | leaden blue

* ✓ 14885 *Heliodoxa leadbeateri* tero ♀ 121
black | black | black

✓ 14886 *Serpophaga cinerea* ♂ 117
brown | black | black

✓ 14887 " " " " un ♀ 108

79-19

79-19

14888 ✓ *Pogonotriccus affinis* ♂ 131
 brown, dark brown fluff below / brown line

14889 ✓ " " ♀ 123

14890 ✓ *Chrysomitris pitcairni* ♀ 112
 brown / yellow above / brown below

14891 ✓ " " (T.E.) ♂ 114

14892 ✓ *Alcedo viridis* ♀ 122
 brown / brown / brown / brown

* 14893 ✓ *Vireo flavifrons* (T.E.) ♂ —
 blue-green / brown / brown / brown

* 14894 ✓ *Alcedo tyrannus chloris* — ♀ 206
 brown / brown

14895 ✓ *Xiphochromis scottii* ♀ 210
 brown / brown / brown / brown

14896 ✓ " " (T.E.) ♂ 220

14897 ✓ " " (T.E.) ♂ 230

14898 ✓ *Vermilionis affinis haematostigma* ♀ 182
 brown / brown / brown / brown

* 14899 ✓ *Holocerythra debilis* ♀ 388
 brown / blackish, dark crimson basally on sides
 + on throat / frequent / above

82-19

14900 ✓ *Autecorymbes derbianus*.

♀ 3 2/3

14901

11

11 12

♂ 421

Palmar, July 16.

Berts went down San Antonio trail + into Park
but got only 7 birds + nothing important;
I went to Palms + worked in Restrooms +
got 6 - Mike got nothing. Day bright +
clear + quite hot + B. in sun, but not
warm. No rain last night.

14902 ✓ *Catharus dryas maculatus*

152

lemon (orange, red, pink, black) orange

14223 *Conoclinium a. a. v. l. m.*

♀ 137

br. 1/2, flat, brown / Golden brown

14904 ✓ *Pogonocherus olivaceus*

♀ / 20

1. The first part of the paper is devoted to a general discussion of the problem of the existence of a solution of the system of equations (1) for arbitrary values of the parameters α and β .

* 14905 ✓ *Telmomachus setigerus* 5 miles

♀ 148

Anggi / 21 / 10 / 2001 / Sabtu

14766 ✓ *Tanagra nivalis* - 10.1.14

710

4. 2nd, 4th, 6th, 8th, 10th, 12th, 14th, 16th, 18th, 20th, 22nd, 24th, 26th, 28th, 30th, 32nd, 34th, 36th, 38th, 40th, 42nd, 44th, 46th, 48th, 50th, 52nd, 54th, 56th, 58th, 60th, 62nd, 64th, 66th, 68th, 70th, 72nd, 74th, 76th, 78th, 80th, 82nd, 84th, 86th, 88th, 90th, 92nd, 94th, 96th, 98th, 100th, 102nd, 104th, 106th, 108th, 110th, 112th, 114th, 116th, 118th, 120th, 122nd, 124th, 126th, 128th, 130th, 132nd, 134th, 136th, 138th, 140th, 142nd, 144th, 146th, 148th, 150th, 152nd, 154th, 156th, 158th, 160th, 162nd, 164th, 166th, 168th, 170th, 172nd, 174th, 176th, 178th, 180th, 182nd, 184th, 186th, 188th, 190th, 192nd, 194th, 196th, 198th, 200th, 202nd, 204th, 206th, 208th, 210th, 212th, 214th, 216th, 218th, 220th, 222nd, 224th, 226th, 228th, 230th, 232nd, 234th, 236th, 238th, 240th, 242nd, 244th, 246th, 248th, 250th, 252nd, 254th, 256th, 258th, 260th, 262nd, 264th, 266th, 268th, 270th, 272nd, 274th, 276th, 278th, 280th, 282nd, 284th, 286th, 288th, 290th, 292nd, 294th, 296th, 298th, 300th, 302nd, 304th, 306th, 308th, 310th, 312th, 314th, 316th, 318th, 320th, 322nd, 324th, 326th, 328th, 330th, 332nd, 334th, 336th, 338th, 340th, 342nd, 344th, 346th, 348th, 350th, 352nd, 354th, 356th, 358th, 360th, 362nd, 364th, 366th, 368th, 370th, 372nd, 374th, 376th, 378th, 380th, 382nd, 384th, 386th, 388th, 390th, 392nd, 394th, 396th, 398th, 400th, 402nd, 404th, 406th, 408th, 410th, 412th, 414th, 416th, 418th, 420th, 422nd, 424th, 426th, 428th, 430th, 432nd, 434th, 436th, 438th, 440th, 442nd, 444th, 446th, 448th, 450th, 452nd, 454th, 456th, 458th, 460th, 462nd, 464th, 466th, 468th, 470th, 472nd, 474th, 476th, 478th, 480th, 482nd, 484th, 486th, 488th, 490th, 492nd, 494th, 496th, 498th, 500th, 502nd, 504th, 506th, 508th, 510th, 512th, 514th, 516th, 518th, 520th, 522nd, 524th, 526th, 528th, 530th, 532nd, 534th, 536th, 538th, 540th, 542nd, 544th, 546th, 548th, 550th, 552nd, 554th, 556th, 558th, 560th, 562nd, 564th, 566th, 568th, 570th, 572nd, 574th, 576th, 578th, 580th, 582nd, 584th, 586th, 588th, 590th, 592nd, 594th, 596th, 598th, 600th, 602nd, 604th, 606th, 608th, 610th, 612th, 614th, 616th, 618th, 620th, 622nd, 624th, 626th, 628th, 630th, 632nd, 634th, 636th, 638th, 640th, 642nd, 644th, 646th, 648th, 650th, 652nd, 654th, 656th, 658th, 660th, 662nd, 664th, 666th, 668th, 670th, 672nd, 674th, 676th, 678th, 680th, 682nd, 684th, 686th, 688th, 690th, 692nd, 694th, 696th, 698th, 700th, 702nd, 704th, 706th, 708th, 710th, 712th, 714th, 716th, 718th, 720th, 722nd, 724th, 726th, 728th, 730th, 732nd, 734th, 736th, 738th, 740th, 742nd, 744th, 746th, 748th, 750th, 752nd, 754th, 756th, 758th, 760th, 762nd, 764th, 766th, 768th, 770th, 772nd, 774th, 776th, 778th, 780th, 782nd, 784th, 786th, 788th, 790th, 792nd, 794th, 796th, 798th, 800th, 802nd, 804th, 806th, 808th, 810th, 812th, 814th, 816th, 818th, 820th, 822nd, 824th, 826th, 828th, 830th, 832nd, 834th, 836th, 838th, 840th, 842nd, 844th, 846th, 848th, 850th, 852nd, 854th, 856th, 858th, 860th, 862nd, 864th, 866th, 868th, 870th, 872nd, 874th, 876th, 878th, 880th, 882nd, 884th, 886th, 888th, 890th, 892nd, 894th, 896th, 898th, 900th, 902nd, 904th, 906th, 908th, 910th, 912th, 914th, 916th, 918th, 920th, 922nd, 924th, 926th, 928th, 930th, 932nd, 934th, 936th, 938th, 940th, 942nd, 944th, 946th, 948th, 950th, 952nd, 954th, 956th, 958th, 960th, 962nd, 964th, 966th, 968th, 970th, 972nd, 974th, 976th, 978th, 980th, 982nd, 984th, 986th, 988th, 990th, 992nd, 994th, 996th, 998th, 1000th, 1002nd, 1004th, 1006th, 1008th, 1010th, 1012th, 1014th, 1016th, 1018th, 1020th, 1022nd, 1024th, 1026th, 1028th, 1030th, 1032nd, 1034th, 1036th, 1038th, 1040th, 1042nd, 1044th, 1046th, 1048th, 1050th, 1052nd, 1054th, 1056th, 1058th, 1060th, 1062nd, 1064th, 1066th, 1068th, 1070th, 1072nd, 1074th, 1076th, 1078th, 1080th, 1082nd, 1084th, 1086th, 1088th, 1090th, 1092nd, 1094th, 1096th, 1098th, 1100th, 1102nd, 1104th, 1106th, 1108th, 1110th, 1112th, 1114th, 1116th, 1118th, 1120th, 1122nd, 1124th, 1126th, 1128th, 1130th, 1132nd, 1134th, 1136th, 1138th, 1140th, 1142nd, 1144th, 1146th, 1148th, 1150th, 1152nd, 1154th, 1156th, 1158th, 1160th, 1162nd, 1164th, 1166th, 1168th, 1170th, 1172nd, 1174th, 1176th, 1178th, 1180th, 1182nd, 1184th, 1186th, 1188th, 1190th, 1192nd, 1194th, 1196th, 1198th, 1200th, 1202nd, 1204th, 1206th, 1208th, 1210th, 1212th, 1214th, 1216th, 1218th, 1220th, 1222nd, 1224th, 1226th, 1228th, 1230th, 1232nd, 1234th, 1236th, 1238th, 1240th, 1242nd, 1244th, 1246th, 1248th, 1250th, 1252nd, 1254th, 1256th, 1258th, 1260th, 1262nd, 1264th, 1266th, 1268th, 1270th, 1272nd, 1274th, 1276th, 1278th, 1280th, 1282nd, 1284th, 1286th, 1288th, 1290th, 1292nd, 1294th, 1296th, 1298th, 1300th, 1302nd, 1304th, 1306th, 1308th, 1310th, 1312th, 1314th, 1316th, 1318th, 1320th, 1322nd, 1324th, 1326th, 13

14961 *Alata* sp. *retrieves*

ju 5/23

white | dark brown beam, legs below median line

14908^V *Turdus amaurochalinus*

♂ 238

brown / blackish green, yellowish brown / dark brown

83-19

X

14907 ✓ *Philodorus erythrocerus* *scutellus* (T.E.) ♂ 188*brown thorax, legs brown, head yellow*14910 ✓ *Philodorus ocellatus brevirostris* (T.M.E.) ♂ 230*small, pale brown, thorax yellow, head brown*14911 ✓ *Habia rubica sinensis*

♀

*small, brown, thorax brown, head brown*14912 ✓ *Philodorus rubica sinensis*

♂ 184

*small, brown, thorax brown, head brown*14913 ✓ *Taraxacum officinale*

♀ 171

*small, brown, thorax brown, head brown*14914 ✓ *Taraxacum officinale* — ♀ 200*small, brown, thorax brown, head brown*14915 ✓ *Taraxacum officinale*

♀ 177

*small, brown, thorax brown, head brown*14916 ✓ *Philodorus erythrocerus*

♀ 183

small, brown, thorax brown, head brown

83-19

Palmar, July 17

I went up to Palmar again today, searching
in the fields & mountains, & was lucky to get
12 birds & 1 bat at 11:45. But, even though we
went & had a lot of luck, we didn't get all
the birds we wanted. Palmar & got 1 bird
the Xiphocolaptes.

14917 ✓ *Scapularis trachelopygia* ♂ 320
long tail, brownish above, dusky below

* 14918 ✓ *Xiphocolaptes oreocensis obsolatus* ♂ 330
brown above, brownish below, brownish above

14919 ✓ *Phaethon rubricauda* ♂ 340
black, brownish above, brownish below

14920 ✓ *Bonaparteia pinnatifida* (T.E.) ♂ 145
brown above, brownish below

14921 ✓ " " (T.E.) ♂ 142

14922 ✓ *Nymphaea leucocauda pictalis* ♂ 112
brown above, brownish below, brownish above

14923 ✓ *Phaethon rubricauda* (T.E.) ♂ 113
black above, brownish below

14924 ✓ *Synallaxis calanisi fulviventris* ♂ 157
brown above, brownish below, brownish above

14925 ✓ " " " (T.E.) ♂ 159

84-19

X

14926 ✓ *Coryphospiza albertina* ♀ 138
brown | b, black below | blackish

14927 ✓ *Myiospiza socialis* ♀ 126
brown | black below | blackish

14928 ✓ *Turdus migratorius* ♀ 238
brown | blackish, underparts with brown streaks

14929 ✓ *Myiospiza socialis* ♀ 158
brown | black below | blackish

14930 ✓ *Thryothorus ludovicianus* (T.E.) ♂ 150
brown | black below | blackish

14931 ✓ " " (Incubating) ♀ 150
gray | black below | blackish

14932 ✓ *Parus leucotis* (T.E.) ♂ 183
brown | black below | blackish

14933 ✓ *Parus leucotis* (T.E.) ♂ 224
brown | black below | blackish

14934 ✓ *Myiospiza socialis* ♀ 152
brown | black below | blackish

14935 ✓ " " ♂ 155

84-19

84-19

[61]

Palmar, July 18 (Sunday)

We all went in truck over to the Rio Ibirizé, working at different points along the road, near river. Day beautiful & clear & quite hot at midday. Mike got the 2 monkeys, *Pyrochroa* & 1 small bird. I had 8 & Bertie rest. Slightly cloudy late in P.M., but no rain. No rain last night either.

[2-5]

14936 ✓ Nocturnal Monkey 705-370-100-31-♂

[3-5]

14937 ✓ " " 660-340-89-31-♀

14938 ✓ *Basileuterus rivolans* ♀ 145
brown / black / blue / yellow14939 ✓ *Dysthaimis mentalis townsi* ♀ 128
brown / black / blue / yellow

14940 ✓ " " " ♀ 132

14941 ✓ *Thamnophrus arcynus* ♀ 160
gray / hazel / black / leaden blue / leaden blue** 14942 ✓ *Indigoceryza thibetensis* (NI) ♂ 151
brown / black / black

14943 ✓ " " ♀ 150

14944 ✓ *Canis thibetensis pitiayumi melanurus* ♀ 108
brown / black / yellow / black / gray / yellow14945 ✓ *Tachyphonus l. lutescens* (T.E) ♂ 141
brown / black / brown / leaden blue / leaden blue

14946 ✓ " " " (T.E) ♂ 138

14947 ✓ " " " ♂ 140

85-20

- 14948 ✓ *Tachyphonus l. luctuosus* ♀ 136
(same as male)
- * 14949 ✓ *Pachysylvia flaviventris* (T.E.) ♂ 135
brown black line, blue black line, leaden blue
- 14950 ✓ *Atelodactylus* (3) ♂ 131
yellow to flesh below throat, etc.
- * 14951 ✓ *Dactyloscopus glaucogularis* (T.E.) ♂ 131
red-brown throat, black throat, black throat
- 14952 ✓ " " " ♂ 133
black, dusky throat, black throat, dusky throat
- 14953 ✓ *Lania versicolor* (T.E.) ♂ 176
brown, etc.
- * 14954 ✓ *Tangara c. cyanicollis* ♂ 139
brown, etc.
- 14955 ✓ " *Schranki* (T.E.) ♂ 140
brown, etc.
- 14956 ✓ " " ♀ 129
- 14957 ✓ " *C. chilensis* (T.E.) ♂ 156
brown, etc.
- 14958 ✓ *Alysiopiza aurifrons* (T.E.) ♂ 142
brown, black, leaden blue throat, black throat
- 14959 ✓ *Habia rubica amabilis* (T.E.) ♂ 198
brown, etc.

Palmar, July 19
We did not go out today, but dried, labelled & packed
birds & did odd jobs all day.

88-20

[62]

14960 ✓ *Pyrrhuloxia m. auctinae*
brown | b, subhyaline at base below | b

♂

Palmar, July 20

Woke up early and went beyond Palmar & shot the 2 Turkeys
& the Titia. Bert & I went to Palmar & he set across
on the San Antonio Road, but got only 5 birds, including
the Rupicola. I shot in the vicinity of Palmar & got
14 birds & the Agouti. back at 12:30. Fine sunny day.

**

14961 ✓ *Pauxis pauxi* (Carmuch) (8 pounds) ♀ 905.
brown | crimson salmon, caruncle leaden blue | pauc salmon

14962 ✓ " " " (M) ♂ 945

14963 ✓ *Thryothorus genibarbis bolivianus* (T.E.) ♂ 157
red-brown | b, leaden blue below | leaden brown

14964 ✓ *Synallaxis calanisi filiventeris* (T.E.) ♂ 162
gray | b, leaden blue | olive

14965 ✓ *Myrmeciza l. herimelaena* ♂ 129
brown | b, leaden blue

14966 ✓ " " " " ♂ 134
— | — | white, red

14967 ✓ *Myrmotherula longicauda australis* ♀ 114
brown | b, leaden blue below | l. b.

14968 ✓ " " " " ♀ 114

14969 ✓ *Todirostrum chrysocotaphum* — ♀ 98
brown | b | leaden

89-21

89-21

X

- 14970 ✓ *Lophotriccus* (T.E.) ♂ 111
streak blackish, fluff at base brown leaden blue
- 14971 ✓ *Compsothlypis pitaguni melanogyna* ♀ 109
brownish, yellow below yellowish brown
- 14972 ✓ *Dysthampus* *montanus* (T.E.) ♂ 127
brownish, blackish brown below
- 14973 ✓ *Conopophaga ardesiaca* (T.E.) ♂ 140
brownish, blackish brown below
- 14974 ✓ *Thamophilus arcuatus* ♂ 152
streak brownish, brownish at base leaden blue
- 14975 ✓ *Coereba chloropygia* (T.E.) ♂ 113
brownish leaden
- 14976 ✓ *Myiaspiza auriventris* ♀ 137
brownish, brown below blackish fluff
- 14977 ✓ *Tanagra xanthogaster retrofrons* ♂ 122
brownish, blackish fluff at base brown leaden
- 14978 ✓ *Myiarchus cephalotes* (brown tail) (T.E.) ♂ 182
brownish
- 14979 ✓ *Pyriglena leucocata hellmayri* (T.E.) ♂ 195
red
- 14980 ✓ *Tyrannus m. melancholicus* ♀ 223
brownish

89-21

89-21

X

[C3]

* 14981 ✓ *Titia semifasciata fortis* (T.E.) ♂ 245
red-brown / purplish red laterally, leaden apically, ^{dorsal} leaden
/ (plum around eye)

14982 ✓ *Rhinoceros peruviana satorata* ♂ 385
pale blue / orange / yellow

[4-3]

14983 ✓ Agouti skin lost - skull preserved.

545-31-125-45 ♀

Palmar, July 21.

A fine clear day, but cold in AM. At 6 AM, N was 15° C., but soon warmed up after sunrise. A cold wind from the Cordillera, probably, was there on Monday. The all day hot sun shifts at one road near the coast. Bacteria. I saw the sun high + 4 h. to 7 h. in the afternoon + 2 small birds, but no "dove" heard.

Yesterday was clear all day, but today some rain during the day, but dry, for first time.

[5]

14984 ✓ Nocturnal Monkey 645-375-90-33 ♀

[8-3]

14985 ✓ " " 665-335-102-34 ♂

[9-3]

14986 ✓ " " 630-330-92-32 inf ♀

14987 ✓ *Schiffornis forsteri steinbachii* ♀ 172
brown / h, pale brown / leaden

14988 ✓ " " " ♀ 170

14989 ✓ *Glyphorhynchus spirurus* ♂ 155
brown / h, black from below / dusky from

90-21

90-21

X

14990 ✓ *Tanagra xanthocephala* *reficeps* ♀ 115
brown l., black. blue at base of head

14991 ✓ *Habia rubra* *arabialis* (T.M.E.) ♂ 185
brown l., dark brown. blue / dusky

14992 ✓ *Phylloscopus erythronotus* *fulvus* (T.E.) ♂ 175
brown / black, black. blue. yellow / olive

14993 ✓ *Microcorypha marginata* *belizae* ♀ 123
brown l., dark brown / dark brown

* 14994 ✓ *Thryothorus melanocephalus* ♂ 180
brown l., leaden blue. blue / leaden

14995 ✓ *Tanagra muscivora* *tanagra* ♂ 113
brown l., leaden blue. blue / leaden blue

14996 ✓ *Tanagra alba* *sophiae* ♀ 145
brown l. / leaden blue

14997 ✓ " " " ♂ 147

14998 ✓ " " " ? 146

14999 ✓ *Rhipidura javanica* *saturata* ♀ 362
pale brown / l., tip orange / l., other orange

15000 ✓ *Scapanus trachelopyrus* ♀ 360
yellow / ochraceous brown, ridge to by base of /

15001 ✓ *Heliocephalus* *deserti* (M) ♂ 410
brown / black, dark brown on face + at tip

15002 ✓ " " ♂ 414

91-21

91-21

Palmar - July 22

a Comodo mountain came up about 8 Am. + Bert + I
got soaked to the gills. Made breakfast Palmar soon + got
back with little nothing.

[64]

(102)

15003

Squirrel

270-181-47-23

♂

(103)

15004

"

340-180-52-24

♂ (cast. to)

15005

Microcerastes marginatus paliv.

♀ 118

brownish, blackish, blackish brown

Palmar, July 23

The Surrayo continued all day today, with light
drizzling rain + low temperature. Yesterday Temp. dropped
to 17°C ., but this morning was 14° + by 6 P.M. had
dropped to 10°C . ($= 50^{\circ}\text{F}$.) It was out of the question
to think of trying to collect, so we spent day in
loading up all the 32 cartridges (450)

I went to Palmar in afternoon with don Oscar to see
about mules + was lucky to meet a large "regua"
just arriving from Todos Santos, + going back from there
loaded 8 of his 15 mules + we leave day after tomorrow.

Palmar, July 24

Spent day drying + packing specimens + equipment
for trip to Todos Santos tomorrow. The "Surrayo"
continued today, but without rain. Low clouds
+ cold wind from below. Temp. 11°C .

Learned later that mules left early this morning
without advising anyone, so we are delayed again.

91-21

Palmar, July 25

Bert + I went over to Bolivia this morning
early to see if possible to get mules there for
trip, but unsuccessful. We then went on shooting
lions since, but birds were very scarce.
Got back at 1 P.M. Made meat for Palmar
+ got 3 birds. Day almost clear, but cold.

91-21

✓ 15006 *Thryothorus genibarbis* boliv. ♀ 155

brownish, head, back, throat, breast

* ✓ 15007 *Ara severa crotaphytus* ♀ 460
dusky, head, back, throat, breast

✓ 15008 *Leptotrochus* (T.E.) ♂ 116

dark brown, head, back, throat, breast

✓ 15009 *Myadestes occidentalis* ♀ 111

brownish, head, back, throat, breast

✓ 15010 *Synalaxis columbi* boliv. ♂ 164

head, back, throat, breast

✓ 15011 *Sittacus maximus* ♀ 210

head, back, throat, breast

✓ 15012 *Heterodus ocellatus* (T.M.E.) ♂ 200

brownish, head, back, throat, breast

✓ 15013 *Tachycineta thalassina* (T.E.) ♂ 151

head, back, throat, breast

✓ 15014 " " " ♀ 144

✓ 15015 " " " ♀ 135

✓ 15016 *Amphispiza bilineata* ♀ 136

brownish, head, back, throat, breast

✓ 15017 *Tangara schranki* (?) 136

brownish, head, back, throat, breast

92-21

92-21

[65]

✓
15018 *Cissops l. loricata*
yellow | d | b

♀ 224

Palawan, July 26

Bent went over Bolinau way & got 4 squirrels
& 2 birds, nothing new. Mike got nothing.
I went to Palawan to see the *Corynorhinus* about
getting under the ... & collected up there. Bent's
were more abundant than I have ever seen them
there. I got 11, from more parts of the locality.
Back at 12, clear air, but some light beautiful
clouds, but none there during clouds.
Temp. 11 in morning 12° & at noon 20°

[10]

✓
15019 Squirrel

375-190-50-22

♀

[11]

✓
15020

"

370-175-49-21½ ♂

[12]

✓
15021

"

350-165-52-24-♂

[13]

✓
15022

"

370-188-50-21 ♂

✓
15023 *Xiphiophanes ocellatus brebionstris* (T.E.) ♂ 222
brown | pale hair, dusky at base, brownish below | thin tail

*
✓
15024 *Klais goimeti*
b | blackish

♀ 85

*
✓
15025 *Xanthomyias s. selateri*

♂ 136

brown | rufous | base below | black

✓
15026 *Dryothraupis orientalis tavarue*

(T.E.) ♂ 125

94-21 brown | b | leaden blue

94-21

* 15027 ✓ *Elanoides forficatus* (?) ♂ 155
brown, black, pink below

15028 ✓ *Coereba c. chlorophylla* ♂ 109
brown, black, leaden

15029 ✓ " " " ♀ 105

* 15030 ✓ *Sporophila c. castaneiventris* ♂ 111
brown, black, leaden

15031 ✓ *Pachyrhamphus polychropterus apixi* ♂ 163
brown, leaden, black, leaden

15032 ✓ *Habia ichthya amabilis* (T.E.) ♂ 145
brown, black, dusky, leaden, black, leaden

15033 ✓ *Turdus arizonae* ♀ 136
brown, black, leaden, black, leaden

15034 ✓ *Turdus migratorius* ♂ 221
brown, yellow, yellow, yellow, yellow

* 15035 ✓ *Thraupis palmarum melanocephala* ♀ 197
brown, black, leaden, black, leaden

15036 ✓ *Alypidornis chrysocephalus* ♀ 222
brown, black, black, black, black, black

15037 ✓ *Tanagra xanthogaster ruficeps* ♂ 122
brown, black, leaden, black, black, black, black

15038 ✓ *Tangara gyrolaides californica* ♂ 147
brown, black, black, black, black, black, black

97-21

97-21

[66]

15039 ✓ *Tangara schu. vi* (T.E.) ♂ 134
 brown | light blue | dark blue

15040 ✓ *Tangara cyaneicollis* ♂ 134
 brown | b | dark blue

15041 ✓ " " ♂ 136

Palmar, July 27

Mules arrived for us last night, sent down by the "Corrigidor" of Palmar. Today we are packing up everything for departure early tomorrow morning.

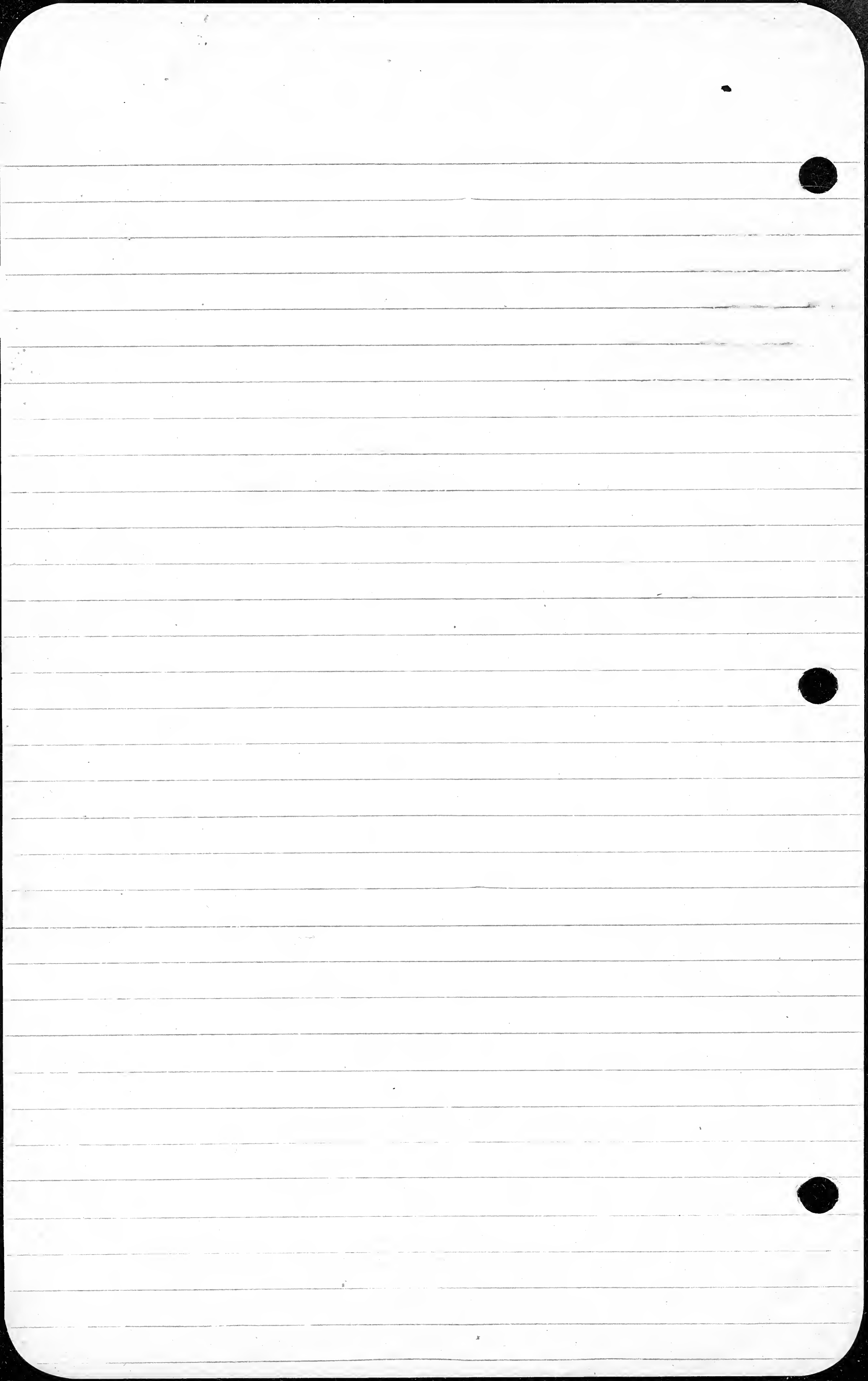
It is a 3 day journey with mules from here to Toda Santa & the road is very muddy.

	<u>Total Skins</u>	<u>Total Sp.</u>	<u>Spec. new to coll.</u>	<u>Mammals</u>
Chorro to Zucachaca	917	208	45	18
Palmar (mammals missing)	420	97	21	16
	1337	305	66	34
		85	21	
		390	87	

127 species Taken at Palmar
 14 " additional observed

Palmar, July 28 to 30 inclusive

In road from Palmar to Toda Santa, where we arrived at 3 P.M. on the 30th.



[57]

Altitude = 1000 ft.

(26) Todos Santos, Rio Chaparé, July 31, 1937

Bentley went shooting, others stayed in to write up some field notes from Palmar. Partly cloudy, in forenoon, clear in P.M. (some blow-dried) 5 common.

15042. *Pepeuria letitiae* (?) ♀ 90
black | black

15043 *Agrytrina sinuata nivicauda* (T.E.) ♂ 109
b, pink (black below, top dusky) b.

15044 *Hypochernoides maculicauda* ♂ 138
gray | b, leaden below | leaden blue

15045 *Myrmeciza atrathiax melanura* ♂ 153
brown | b | leaden blue.

15046 *Myiochanes cinereus* ♂ 154
brown | b, flesh below | b.

15047 *Thryothorus genibarbis bolivianus* (T.E.) ♂ 155
gray-brown | b, leaden blue below | leaden

15048 *Taraba m. major* ♂ 216
carmine | b | leaden blue

15049 " " " ♀ 218
— | —, leaden blue below, top black | —

15050 *Thlyperpsis s. scoldida* ♂ 145
brown | blackish brown, throat pale, below | leaden blue

15051 *Myiarchus pelzelni ferocior* ♀ 219
brown | black, brown from below | b

7-4

* 15052[✓] *Cyanerpes caerulea microthyrochus* ♂ 120
brown | b- | lemon yellow

15053[✓] " " " ♀ 115
— | — | olive

15054[✓] " " " ♀ 120

* 15055[✓] *Xipherhynchus guttatus d'orbignyianus* ♀ 255
brown | bluish white, dusky at base of max | leaden

15056[✓] " " " ♀ 258

15057[✓] *Buteo nattereri* ♀ 407
straw | leaden blue, ridg. black | gamboge

** 15058[✓] "Flycatcher" * (P) 115
brown | b-, dark leaden below | leaden blue

15059[✓] *Myiospiza icritica* ♀ 139
brown | b-, leaden brown below | dull bluish flesh

15060[✓] " " " (T.E.) ♂ 143

15061[✓] *Myiarchus tyrannulus chlor* ♂ 218
brown | b- | dark leaden

15062[✓] *Thlypopsis sordida* " ♂ 147
brown | b-, leaden blue below | d. b.

* 15063[✓] *Manasa nigrificus* ♀ 302
brown | crimson | dark leaden

15064[✓] " " " ♂ 286

11-5

11-5

X

[68]

- * 15065 ✓ *Trogonus variegatus bolivianus*(?) ♂ 256
brown | black white | leaden blue
- * 15066 ✓ *Crotophaga ani* ♂ 350
brown | b | bl
- 15067 ✓ " " ♀ 330
- 15068 ✓ *Ostinops docuianus maculosus* ♂ 473
blue | pale wing yellow | b
(19 species)

(26) Todos Santos, Aug. 1 (Sunday)

Stayed in as in to make platform (830 AM = 22½° C.
for sunning birds, but no birds, & no birds
sund. Birds & Mike went shooting, Birds in at
11 AM with 20 birds, Mike at 1130 with 6 birds
By 10 AM clouds (10 AM) cleared away & hit sun.

- 15069 ✓ *Agrytrina fimbriata ruficauda* ♂ 108
b, pink flab ^{tip} below b
- 15070 ✓ " " " ♀ 102
- 15071 ✓ " " " ♀ 102
- * 15072 ✓ *Todirostrum latirostris* (M) ♂ 112
brown | b | black blue

- 15073 ✓ *Myiarchus cinerascens* ♀ 142
brown | b, brown flab below | b

- * 15074 ✓ *Thamnophilus palliatus puncticeps* ♂ 173
blue-gray | b, leaden brown below | leaden blue

15-5

15-5

X

15075 ✓ *Taraba m. major* ♂ 220

carmin | b | leaden blue

15076 " " " ♀ 215

— | b, leaden blue below locally

15077 ✓ *Saltator maximus* ♂ 219

brown | b, carmin blue below locally | leaden blue

* 15078 ✓ *Cranioleuca gutturalis* ♂ 162

brown | blackish, pale carmin blue below | yellowish olive

15079 ✓ *Campylorhynchus trichilostictus derisus* ♀ 268

brown | clear reddish brown, dusky at base of max, pale brown | brown

15080 ✓ *Cyanerpes caeruleus minoribynchus* ♂ 117

brown | b | leaden yellow

15081 ✓ " " " ♀ 119

— | — | pale olive green

15082 ✓ *Chlorophanes spiza caeruleus* ♂ 152

brown | b, yellowish | leaden blue

15083 ✓ *Dryothymus mentalis taranae* ♀ 121

brown | b, bluish black | leaden blue

**

15084 ✓ *Pipra f. fasciata* ♂ 122

white | b, leaden blue locally, & blue | leaden

**

15085 ✓ *Casiornis* (?) (M) (?) 190

brown | dusky flesh locally, black apically | leaden

18-7

18-7

X

[C9]

* 15086 ✓ *Myiodynastes solitarius* ♂ 230
brown | b, flesh at base of beak | leaden

** 15087 ✓ *Capito auratus insperatus* (T.E.) ♂ 198
carmine | black, leaden blue below laterally | leaden blue

* 15088 ✓ *Pitangus sulphuratus maximiliani* ♂ 267
brown | b | b

15089 ✓ *Pionus menstruus* ♂ 261
brown | b, red spot on side of face | dirty leaden blue

** 15090 ✓ *Gymnostinops yucatares* (M) ♂ 533
brown | b, Top orange | b | naked skin pink flesh

15091 ✓ " " ♀ 445

* 15092 ✓ *Biotoxys devillei* ♀ 205
brown | brownish black | flesh

* 15093 ✓ *Cacicus cela* (T.E.) ♂ 295
blue | pale yellowish pea green | b

15094 ✓ " " ♀ 247
(16 more species)

24-9

24-9

X

Todos Santos, Aug 2.

Claudy all morning, with an occasional glimpse of sun.
 Started at 6 AM, rode to left of road. To the right, looking
 I would have been looking at the river to SW, 7 or 8 miles
 but river is in a large river. Reached at 10 AM with 13 birds.
 (Hatched) then I went to the river to the SW, 7 or 8 miles.
 made a venture to the Transvaal River.
 The night was dark but with some light on
 April 20, 1904, from the Transvaal River.
 * Made a lot in at 11 with Buelge, 3 or 4 birds.
 Buelge " " at

- * 15095[✓] *Hydropsalis torquata furcata* ♂ 433
 brown / dark brown, (pale) / grey / brown
- 15096[✓] " " " " ♀ 270
- 15097[✓] " " " " ♀ 280
- 15098[✓] " " " " ♀ 265
- * 15099[✓] *Podiceps minoranda* ♂ 302
 brown / black / dark brown
- 15100[✓] " " " " (M) ♂ 300
- 15101[✓] " " " " ♂ 295
- 15102[✓] " " " " ♂ 305
- 15103[✓] *Tadorna striata latirostris* ♂ 110
 brown / (pale) / pale brown / brown
- * 15104[✓] *Hyperolius flavescens collinsi* ♂ 122
 brown / (pale) / olive / yellow
- 15105[✓] " " " " ♀ 126

27-9

27-9

[70]

15106 *Myioborus l. leucophrys*

♀ 143

brown | leaden blue

* 15107 *Cnemidopterus fasciatus bimaculatus*

♂ 139

brown | l., white tip, blue | leaden

* 15108 *Muscisaxicola flaviatilis*

♂ 141

brown | l., faint at base | l.

[14]

15109 *Squibel (lag. - not l. l.)* 500-250-65-31

♀

15110 *Thamnophilus s. schistaceus*

♂ 152

red-brown | l., leaden blue below | l.-b.

15111 *Thryothorus genibarbis beliv.*

♂ 162

brown | l., leaden blue below | pale brown

15112 *Synalaxis cabanisi fulviventris*

♂ 160

red-brown | l., same as back | leaden | same

** 15113 *Coccyzus reticulatus chapmani*

♀ 284

carminated eyes | brown | l. | same as back

15114 *Thlypopsis s. scindilis*

(M)

♀ 135

brown | leaden blue | l. | l.-B.

** 15115 *Paroaria gulonensis*

♂ 170

brown | l., blue below | leaden

* 15116 *Pachyrhamphus polychropterus niger*

♂ 167

brown | leaden blue | leaden

33-11

33-11

X

- * 15117 ✓ *Hylephylax naevia inexpectata* ♂ 125
brown / black / pink
- 15118 ✓ " " " ♂ 127
- 15119 ✓ " " " ♀ 132
- 15120 ✓ *Myrmobius m. myrthosus* ♂ 140
brown / black / leaden blue
- 15121 ✓ *Xiphophorus ocellatus brevipinnis* ♀ 208
brown / black / blue, leaden blue / brown
- * 15122 ✓ *Eucometis pavillata albicollis* ♂ 195
brown / black / white / brown
- 15123 ✓ " " " ♀ 185
- 15124 ✓ *Habia rubica viridula* ♀ 190
brown / black / white / dark brown
- * 15125 ✓ *Cryptellus atripennis* (T.E.) (M) ♂ 330
brown / black / white / salmon red
- * [104] 15126 ✓ *Pseudoeurycea japonica* ♂ 825
brown / black / pale below / orange / pink / black
(18 mm species) Throat pinkish black.
- [15] 15127 ✓ *Monkey (Tee-tee)* 605-365-80-26 ♀
- [16] 15128 ✓ " " 525-325-68-25 ♀

37-11

37-11

X

[71]

Todos Santos, Aug. 3

Clear, hot day. all three collected. I worked across creek on "Island", Mike & Bertr up road on both sides. Mike stayed in to clean the monkey's feet from yesterday & see the birds.

15129 ✓ *Taraba m. major* ♀ 227
carmine | black, leaden blue below, partially

15130 ✓ *Xiphothorax guttatus d'arbiensis* ♀ 258
brown | white, tan, dusky at base | leaden

15131 ✓ " " " (T.M.E.) ♂ 275

[17] 15132 ✓ Squirrel 510-252-64-31 - ♂

15133 ✓ *Thryothorus genibarbis boliv.* ♀ ♀ 155
hazel | br, leaden blue below | leaden blue

15134 ✓ *Myrioborus l. leucophrys* ♂ 148
brown | br | leaden blue

15135 ✓ " " " ♂ 154

15136 ✓ " " " ♀ 145

15137 ✓ *Agrytrina timbrata nigri* — ♀ 106
br, pink flesh below, black | br.

15138 ✓ " " " (M)(T.E.) ♂ 107

* 15139 ✓ *Phaethornis h. hispidus* ♂ 156
black, dusky, yellow below | br.

38-11

38-111

80

8127

♀ 122

2/40

9115

♫ 116

8121

218

9-235

2156

43-12

43-12

[72]

15150 ✓ *Thamnophilus palliatus perotricus* ♀ 168
 straw | b, (underneath) leaden blu

* 15151 ✓ *Formicarius analis* ♀ 200
 brown | b | pale brown

** 15152 ✓ *Neopelma sulphuriventer* (T.E.) ♂ 155
 brown | straw | blackish, dusky, pale below | blackish

15153 ✓ " " (T.E.) ♂ 156

* 15154 ✓ *Sporophila caerulea* (?) ♂ 121
 brown | b, leaden brown | leaden brown

* 15155 ✓ *Galbula rotundirostris heterogama* (M) ♂ 241
 brown | b | olive

15156 ✓ *Gymnostinops virens* ♀ 457
 brown | l-tyr salmon | l-
 (11 unc spec.)

Todos Santos, Aug 4

I went to same place yesterday, but in early afternoon
 creek side. Saw 12 birds, including *Phrylosoma*, *Thraupis* & *Catantops*.
 Mike got 7, including *Falco*. Most were in meadow, ground
 flying field. Birds are very scarce in Los Rios valley.
 Slightly cloudy in morning, turning after hard clear, with
 drifting cumulus clouds. Some birds were seen yesterday
 afternoon.

** 15157 ✓ *Hylocharis cyanus rostratus* ♀ 97
 black, purple plum below, top black | black.

48-14

48-14

+

15158 ✓ *Hippocampus flavescens collaris* ♂ 122
brown l., brownish below / greenish sides

15159 ✓ *Eleutheronotus* (= for 15144) ♂ 115
brown l., lateral belt mainly / brown below

15160 ✓ " " ♀ 114

15161 ✓ *Thamnaplites s. substriatus* ♂ 153
reddish brown l., brownish below / l.b.

15162 ✓ " " " (Laying) ♀ 149

15163 ✓ *Myrmecurus l. leucocephalus* ♂ 143
brown l. / white above

15164 ✓ " " ♂ 149

15165 ✓ " " ♀ 148

15166 ✓ *Thilypopsis s. sordidus* ♂ 150

* 15167 ✓ *Pyrocephalus r. rubinus* ♂ 146
brown l. / l.b.

15168 ✓ *Cronioleuca g. guttata* (T.E.) ♂ 159
brown l., brownish below / yellowish above

15169 ✓ *Neopelma selphoeiventris* ♀ 147
brownish above / brownish below

49-14

49-14

X

[73]

✓ 15170 *Pipia fasciata* ♂ 122
white | b, leaden below | purplish leaden

✓ 15171 *Thryothorus gorrirostris bolivi.* — (T.E.) ♂ 157
brown | b, leaden below | dark brown

✓ 15172 *Calbula reformida heterog.* ♀ 235
brown | b. | olive

* ✓ 15173 *Tangara mexicana boliviana* ♀ 150
brown | b | leaden

✓ 15174 *Ramphocelus carbo atropur.* — ♂ 185
brown | b, rufous inside below | b

** ✓ 15175 *Myiarchus t. tuberculatus* ♀ 172
brown | b | b

* ✓ 15176 *Vireliornis agilis* ♀ 171
brown | b, pale brown below | dark leaden

✓ 15177 *Tragonotus variegatus bolivi.* — ♀ 246
brown | olive-brown below, ridge black | dark leaden

✓ 15178 *Ara severa castaneifrons* ♀ 483
yellow | b | b.

* ✓ 15179 *Amazilia aestiva xanthoptera* ♂ 355
orange | b, yellow spots & sides of belly | leaden

* ✓ 15180 *Pteroglossus castaneus australis* (T.E.) ♂ 467
brown | dr, blue on throat & belly yellow; brown on sides
of max; red below | leaden above

54-15

54-15

X

**

15181 ✓ *Gymnoderus foetidus* ♀ 367
brown, head blue, black, black

15182 ✓ *Ostinops sinuipennis australis* (T.E.) ♂ 510
dark yellow, black, black

15183 ✓ *Falco albicollis* pax (T.E.) ♂ 267
brown, black, black, black

15184 ✓ *Buteo swainsoni* (T.E.) ♂ 203
brown, black, black, black

15185 ✓ " " (T.E.) ♂ 205

15186 ✓ *Circus cafer* (T.E.) ♂ 292
dark brown, black, black, black

(10 more species today) (74 species to date)

Today Santos, Aug 5.

Chordeiles *leucotis* *leucotis* *leucotis* but no rain
Nests + 3 small acorns (one L. S.V. left separately, note
making up + 4 small acorns (one L. S.V. left separately, note
making up + 4 small acorns (one L. S.V. left separately, note

15187 ✓ *Zophrys regulus* ♀ 91
black, black, black, black

15188 ✓ *Comptosia obscura* ♀ 117
brown, black, black, black

57-16

57-16

X

[74]

* 15129 ✓ Sublegatus m. modestus ♂ 147
brown l., brown l. (head) l.

15190 ✓ Myrmeciza atrothorax ♂ 155
brown l. | leaden blue

15191 ✓ " " " ♂ 152

15192 ✓ Thilypopsis s. sordida ♂ 145
brown l. | leaden blue (head) l. b.

15193 ✓ Tolmomyias sulphureus acuminatus ♀ 149
gray brown l., yellow l. | leaden blue

15194 ✓ " " " ♂ 149

15195 ✓ " " " ♂ 149

[105]

15196 ✓ Penelope jacucu speciosa ♀ 745
brown l. | pink l. (head)

[18]

15197 ✓ Monkey (yell. Tamar.) 235-400-87-30 ♂

* 15198 ✓ Picumnus " " ♀ 122
brown l., brown l. (head) | olive l. (head)

15199 ✓ Neopeltia sulphurea ♂ 155
shiny l., black l. (head) | pale l. (head)

15200 ✓ " " ♂ 156

15201 ✓ Saltator maximus mi ♂ 233
brown | black l. (head), yellow l. (head) | leaden blue

59-17

59-17

X

15202 ✓ *Tanaka m. major* ♀ 218
canina / *dy* / *m. major* / *tanaka* / *canina*

* 15203 ✓ *Myiostetes similis canivorus* ♂ 194
canina / *dy* / *m. major* / *tanaka* / *canina*

15204 ✓ *Galbula ruficeps heteroclitus* ♀ 237
canina / *dy* / *m. major* / *tanaka* / *canina*

15205 ✓ *Myiarchus phaeus ferocior* ♂ 209
canina / *dy* / *m. major* / *tanaka* / *canina*

15206 ✓ *Myiarchus phaeus ferocior* (M) ♂ Tail
canina / *dy* / *m. major* / *tanaka* / *canina*

* 15207 ✓ *Myiarchus phaeus ferocior* ♂ 131
canina / *dy* / *m. major* / *tanaka* / *canina*

15208 ✓ " " " (O.E.) ♀ 118

15209 ✓ " " " ♂ 130

15210 ✓ *Myiarchus phaeus ferocior* ♂ 122
canina / *dy* / *m. major* / *tanaka* / *canina*

15211 *Dyschirius* " " ♂ 120
canina / *dy* / *m. major* / *tanaka* / *canina*

15212 ✓ *Myrmeciza rubra* ♂ 133
canina / *dy* / *m. major* / *tanaka* / *canina*

15213 ✓ *Xenops minutus obscurus* ♂ 126
canina / *dy* / *m. major* / *tanaka* / *canina*

61-17

61-17

X

[75]

15214 ✓ *Formicivora a. analis* (T.E.) ♂ = 06

brown | b | blackish brown

15215 ✓ *Eletionia platyura* ♂ ^{tail} incomplete
brown | b | brown

15216 ✓ *Rufica capilla* ♂ 399

many brownish, some black | leaden blue

(14 more 2 pieces)

62-18 = 88 species from Todos Santos to date (30% same as Palmer.)

Todos Santos, Aug 6. (Bolivian Independence Day)

We did no collecting today. I wrote labels & the boys labelled & packed all the birds, cleaned guns & had a bath. Clear, hot day, very little breeze.

Todos Santos, Aug 7.

Clear, hot day. All out shooting. I went to "La Zola" but had poor luck. Bert went in beyond old village & Mike around lagoon, where he had the best luck of all, getting 13 birds. We had 34, but 3 were discarded, common. Finished at about 9 P.M. Then went to dance.

* 15217 *Aramides cajaneus* ♂ 426

red | olive yellow | black | green | orange | coral red

15218 ✓ *Myrmoborus l. leucophrys* ♀ 140

brown | b | leaden blue

15219 ✓ *Thamnophiles schistaceus* im ♂ 154

brown | b, leaden blue below | l.b.

* 15220 ✓ *Anthesconus l. longirostris* ♀ 132

b | b

15221 Flycatcher (15144) ♂ 115

64-18 | brown | b, pale at base below | leaden

64-18

X

15222[✓] *Todirostrum chrysocrotaphum* — ♂ 97
 brown | b | leaden

15223[✓] *Hemitriccus diops flammeolatus* — ♂ 133
 brown | b, fl. below leaden

* 15224[✓] *Phaeochloras n. merina* — ♂ 133
 brown | b, fl. below leaden | b

* 15225[✓] *Stelgidopteryx ruficollis* — ♂ 145
 brown | b | b

15226[✓] *Pyrocephalus r. rubinus* — ♂ 153
 brown | b | b

* 15227[✓] *Thamnophilus deliatus radiatus* — ♂ 132
 brown | b, leaden blue below | l. b.

15228[✓] *Tolmomyias sulphurescens assimilis* — ♂
 gray | b, bluish black below | l. b.

15229[✓] *Pipra f. fasciata* (T.E.) (M) ♂ 128
 white | b, leaden below | purplish below

15230[✓] *Hylophylax naevia inexpectata* — ♂ 128
 brown | b | fl.

15231[✓] " " " — ♂ 127

15232[✓] " " " — ♀ 127

15233[✓] " " " — juv ♂ 105

67-18

- 15234 ✓ *Cnemidriccus fuscatus bimaculatus* ♂ 149
brown | b, brownish black below | leaden
- 15235 ✓ *Tolmomyias sulphurescens assimilis* ♂ 142
gray-brown | b, black below | l.b.
- 15236 ✓ " " " ♀ 146
- 15237 ✓ *Casiornis iota* ♀ 188
brown | ^{dirty} flesh drab, back, apically leaden
- 15238 ✓ *Pachyrhamphus p. lychnopterus* — imm ♂ 158
brown | b, flesh below | leaden
- * 15239 ✓ *Cyanocampa cyanoides peruviana* (?) ♀ 168
brown | b, brownish black below | leaden black
- * 15240 ✓ *Alcedinarchus p. pitangua* ♂ 235
brown | b | b
- 15241 ✓ *Formicarius a. analis* (T.E.) ♂ 207
brown | b | dirty brown
- * 15242 ✓ *Corucujus m. melanurus* ♀ 312
brown | yellow, ridge black | brown below
- 15243 ✓ *Amazona aestiva xanthopteryx* ♀ 362
orange brown | b, flesh below, yellowish on sides below | leaden
dial
- * 15244 ✓ *Columba subvinaces bogotensis* ♀ 344
brown | b | purplish brown
- 15245 ✓ *Cacicus cela* (T.E.) ♂ 293
71-18 | deep blue | pale pea-green | b

71-18

X

15246 ✓ *Monasa m. nigritrons* (Laying) ♀ 292
brown | cream | leaden black

15247 ✓ *Pteroglossus castaneus australis* ♀ 462
white | black, yellow, red & brown | leaden blue

15248 ✓ " " " (M) ♀ 470
(10 more species today) [Total species 98] 27 1/2% Palmer

Todos Santos, Aug 8 (Sunday)

Up at 7 AM. Berta already had breakfast made. Mike & Berta went swimming for fish. I wrote labels for yesterday's birds. Then wrote up field notes till noon. Bird returned about 11 with good lot of fish.

Todos Santos, Aug 9.

Berta & I went across the river today, working along the overgrown trail leading southeast to the Rio Chumbe, 10 Km. distant. Mike went to the lagoon & got 6 birds, but had to ditch 2, both good, a light Heron & P. Auger (shut, bits). "Surge" broke at 3 P.M. with cool wind & rain.

* 15249 ✓ *Amotus macrura nathaei* ♂ ^{Tail broken}
red | b | blackish brown

15250 ✓ *Nyctophylax naevia inexpectata* ♂ 129
brown | b | flesh

15251 ✓ " " " ♂ 127

15252 ✓ *Myrmeciza h. hemimelana* ♂ 135
brown | black | leaden blue

15253 ✓ " " " ♂ 134

72-18 | — | — | bluish flesh

72-18

[77]

* 15254 ✓ *Myrmotherula axillaris lafresnayana* ♂ 111
brown | b | leaden blue

* 15255 ✓ *Thamnomanes caesioides schistogynus* ♂ 158
brown | b | leaden

15256 ✓ " " " ♀ 160
— | b, leaden blue below | —

* 15257 ✓ *Thamnophilus aethiops Kapouni* ♂ 170
brown | b | leaden

15258 ✓ *Thamnophilus s. schistaceus* ♂ 152
brown | b, leaden blue below | leaden blue

** 15259 ✓ *Grallaria [berlepschi]?* ♂ 169
brown | b, flesh below | flesh

15260 ✓ *Hemitriccus diops - Linn.* ♂ 127
pale hazel | b | leaden blue

15261 ✓ *Cnemotriccus fuscatus bimaculatus* ♂ 150
brown | b, flesh below | b

* 15262 ✓ *Leucolepis arada modulator* ♀ 133
brown | b, flesh at base below | blackish brown

15263 ✓ " " " ♀ 136

15264 ✓ " " " ♀ 141

* 15265 ✓ *Sclerurus mexicanus peruvianus* ♂ 173
brown | b, flesh at base below | blackish brown

78-19

78-19

X

15266 ✓ *Cranioleuca gutturostrata* ♀ 153
straw | blackish, leaden blue below | yellowish blue

15267 ✓ *Tachyphonus luctuosus* ♀ 133
brown | t, leaden blue above, brown | leaden blue

* 15268 ✓ *Autunulus rufipileatus consobrinus* ♂ 207
Lt. orange | t, ^{thru} rufous brown | yellowish blue

15269 ✓ *Xiphenhynchus g. flatus rubromaculatus* ♀ 262
brown | bluish white, brownish blue | thin leaden blue

15270 ✓ " " " ♀ 264

* 15271 ✓ *Decarychus longicauda pallida* ♀ 208
brown, very pale brown, dusky at base | blue leaden blue

* 15272 ✓ *Attila b. boliviensis* (T.E.) ♂ 222
straw | dusky brown, pale yellow | leaden blue

15273 ✓ *Veniliornis agilis* ♂ 163
gray | t, leaden brown below | leaden

15274 ✓ *Veniliornis affinis haematostigma* ♀ 186
brown | t, pale brown below | dusky, olive leaden

* 15275 ✓ *Claytonia frontalis* ♀ 215
pale olive drab | pink

** 15276 ✓ "Yellow Warbler" ♂ 269
red-brown | yellow | olive leaden

83-20

83-20

X

[78]

15277 ✓ Scapanus frachelapurus ♂ 345
yellow | dark brown, bluish pink below | dirty olive

** 15278 Eupsittula weddellii (T.E.) ♂ 286
white | b | b

15279 ✓ Pterglossus castaneus auctialis ♀ 438
white | = | yellowish olive

15280 Cuvicujus armelanus ♂ 332
brown | eyelid salmon | yellow | brown

* [106] 15281 ✓ Hia marana (M) ♀ 820
brown | b | b

(16 more species today)

85-21

Lagos Santos, Aug 10.

Still drizzling rain this morning & cold. Temp 18°C [64°]. But, went out finally, about 9 Am. & got back at 1 Pm. with only the birds below. I worked on each & field data, started drier & got all birds dry, labelled & packed including those from yesterday. No rain in Pm. but cold & overcast.

15282 ✓ Myrmeciza h. henii melaina ♀ 140
brown | b, leaden blue below | leaden blue

15283 ✓ Thamnomanes caesioides ♀ 162
brown | b, bluish pink below | leaden

* 15284 ✓ Nemesia pileata paraguayensis ♂ 749
yellow | b, pink below | yellow

86-21

86-21

X

15285 ✓ *Capito auratus insperatus* ♂ 205
carmine | border blue below | locally | (not)

15286 ✓ *Brotogeris devillei* ♂ 202
pale blue | ^{pale} brown | dusky | blue.

[107]

15286 *Perotopsis jaguaca* (See No. 15347) ♂ 2762
(3350 yu) brown | black, top of mandible | pale | patch | brown

* 15287 ✓ *Antivus maculicaudatus romainei* ♀ 203
brown | brown | black | dusky | brown

15288 ✓ *Hydropsalis torquata forcifer* (?) ♀ 300
brown | ^{dark} brown | dusky | brown

This is a bird of the forest, very dark above, with black streaks on the breast and spotted with black below.

15289 ✓ " " " ♂ 280

15290 ✓ " " " ♂ 272

* 15291 ✓ *Nyctidromus albigularis dolingianus* (T.E.) ♂ 295
brown | brown | top black | dark brown

15292 ✓ " " " ♀ 265

(3 new today)

88-21

88-21

X

[79]

Todos Santos, Aug. 11

Fine clear, cool day after the "Surrey". I worked down river road & into forest to left. Mike went out Teraplane & Bertr out old road to T.S. village.

15293 ✓ *Phaethornis hispidus* ♀ 156
black, dusky yellow below basal $\frac{1}{2}$ | blackish

15294 ✓ "F/7, catcher" (= No. 15144) ♂ 117
brown | b, leaden below basally | leaden blue

15295 ✓ *Thamnophrilus deliatus radiatus* ♂ 172
straw | b, leaden blue below | l. b.

15296 ✓ *Hypocnemis flavescens collinsi* ♂ 121
brown | b, blackish below | yellowish line

15297 ✓ *Tolmomyias sulphurescens assimilis* ♀ 142
gray-brown | b, pink below | iridescent

15298 ✓ *Synallaxis cabanisi fulviventris* (T.E.) ♂ 158
hazel | b, brown below basal | brown line

15299 ✓ *Thamnomeris ruficeps heterozygus* ♂ 159
brown | b | leaden black.

15300 ✓ *Frimicorix a analis* ♂ 200
brown | b | pale brown

15301 ✓ *Tachyphonus luctuosus* ♂ 159
brown | b, sand-rain leaden blue | dark leaden?

88-21) 15302 ✓ *Dacnis cayana glaucogularis* ♂ 129
brown | b, pinky brown at base below | purplish brown

X

88-21

- * 15303 ✓ *Myiarchus ferox australis* ♀ 192
brown | b | b
- * 15304 ✓ *Platopsaris rufus audax* ♀ 198
brown | b, leaden blue | dark leaden
- * 15305 ✓ *Mimus tinnorus* () ♀ 235
brown, yellow | b, leaden blue | ()
- 15306 ✓ *Xiphorhynchus guttatus darbigyanus* (T.E.) ♂ 280
brown | leaden blue, brown | leaden blue
- * 15307 ✓ *Celeus spectabilis* ♂ 293
gray-brown | pale yellow | brown | dirty leaden
- 15308 ✓ *Coroccyus melanurus* ♂ 310
brown | yellow | dirty brown
- * 15309 ✓ *Ceophloeus lineatus* (O.E.) ♀ 350
pale brown | dirty brown, flesh below | leaden
- 15310 ✓ " " " (T.E.) ♂ 360
- 15311 ✓ *Crypturellus atricapillus* (M) (T.E.) ♂ 340
brown | b, flesh below | pink skin
- [108] 15312 ✓ *Hya sistracina* (M) ♂ 745
brown | b | b (naked skin white)
- [19] 15313 ✓ Nocturnal monkey 745-490-99-34- ♂
(8 more species - with night gang yesterday)

93-21

93-21/

X

[80]

15314 ✓ "Flycatcher" (= No. 15144)

♀ 110

brown | b, leaden at base below | b

15315 ✓ *Nylophylax naevia inexpectata*

♂ 125

brown | b | pink

15316 ✓ *Tolmomyias sulphurescens assimilis*

♀ 150

gray | b, pink below | leaden blue

15317 ✓ *Taraba m. major*

♂ 214

carmine | b | leaden blue

15318 ✓ *Neopelma sulphureiventer*

♀ 146

yellow | b, pink below | pale l.b.

* 15319 ✓ *Donacobius atricapillus albo-ruf.*

♂ 248

yellow | b, pink at base below | leaden brown

15320 ✓ *Attila b. boliviensis*

♂ 220

straw | b, dusky brown below | l.b.

* 15321 ✓ *Leptoptila verreauxi decipiens(?)*

♀ 275

yellow | b | pink blood

* [109]

15322

✓ *Geothlypis*

①

♂ 672

red | blackish brown | leaden blue below | black

| naked skin on head cobalt blue

[110]

15323

"

"

♀ 640

(8 new today)

96-21

96-21

X

Los Santos, Aug 12

Mike stayed in to sand yesterday. Big dump
 & the air, warm. 100° to 110° in air. I saw some
 & the air toward old village. Cloudy in AM, cool, later clear.

15324 ✓ *Marmeciza atrothorax melanura* ♂ 160
 brown) b, thin leaden) l. b.

15325 ✓ *Atila b. belivianus* ♂ 220
 pale straw) blackish) brown) leaden

15326 ✓ *Myiozetetes axillaris latirostris* ♂ 115
 brown) b) leaden) l. b.

15327 ✓ " " " ♀ 120
 —) b, leaden) l. b. —

* 15328 ✓ *Terentius erythrus frontatus* ♂ 107
 brown) b, dark, flat) leaden) dark) red

15329 ✓ *Thamnomene caesia* ♀ 158
 brown) b, pale brown) blue) leaden) l. b.

15330 ✓ *Cranioloba guttata* ♀ 147
 straw) blackish) brown) blue) yellow) olive

15331 ✓ *Tachyphonus l. leucos* ♀ 136
 brown) b, sand) same) leaden) l. b.

15332 ✓ *Pipra f. fuscescens* ♂ 118
 white) b, leaden) blue) leaden

15333 ✓ *Automerus rotipilatus consobrinus* (T.M.E.) ♂ 205
 orange) b, brown) blue) leaden) l. b.

97-21

97-21

X

[81]

15334 ✓ *Piaya cayana obscura* ♂ 435
carmine | olive green | leaden blue

* * 15335 ✓ *Dendrexetastes rufigula devillei* ♀ 277
hazel | pale brown, dusky beneath, brown blue below | lead. blue

15336 ✓ *Tangara chilensis* (T.M.E) ♂ 145
brown | b. | l. b.

15337 ✓ *Galbula rotoviridis heterog.* ♂ 240
brown | b. | yellowish olive

15338 ✓ *Myiarchus t. tuberculifer* ♂ 188
brown | b. | b.

15339 ✓ *Eucometis percellata albicollis* ♂ 192
gray | brown above, flesh below | flesh

15340 ✓ " " " " ♀ 190

* 15341 ✓ *Glauis h. hirsuta* (?) No! ♀ 120
b, brown blue below, flesh below | flesh

15342 ✓ *Cnemidriacus fuscatus bimaculatus* ♂ 148
brown | b, flesh below | leaden

15343 ✓ *Picumnus* (P. str. yanagii) ♂ 115
gray | b. | yellowish olive

15344 ✓ " " ♀ 120

15345 ✓ *Tangara schranki* (T.M.E) ♂ 136
brown | b. | leaden blue

99-22

99-22

✓
15346 *Crypturellus atricapillus* ♂ 314
brown | br. | brown | blue below | pink salmon
(5. mm. m. today)

[107]

✓
15347 *Penelope jagueta* — [M No. 15286] ♂ 762
brown | black, tip of mandible pale | pink blood

	<u>Skins Total</u>	<u>No. of Species</u>	<u>Spec. men th Coll.</u>	<u>Mammals</u>
To Palmar =	1337	305	66	34
Todos Santos =	306	99	22	6
	<u>1643</u>	<u>404</u>	<u>88</u>	<u>40</u>

728 skins; Palmar & Todos Santos. 131 species taken - 11 days.

Todos Santos, Aug 13

Packed up today & left late in afternoon in
boat for the junction of the Rio Chapare & Chimore.

On River, Aug 14 & 15

Travelling down Rio Chapare in launch. We
Tied up at night & slept on the beach.

Broca de Chapare, Aug 16. Altitude = 825 ft.

We arrived at about 8³⁰ AM. Immediately unpacked +
Berto + Mike went out shooting, while I stayed
in to arrange things.

- 15348 ✓ *Cnemotriccus fuscatus bimaculatus* ? 135
brown | b, pink below | leaden black
- 15349 ✓ *Dystharmus mentalis tovarae* ♀ 129
brown | b, bluish pink below | leaden blue
- 15350 ✓ *Pyriglora leucocoma* — ♀ 172
red | b, leaden blue below | l. b.
- 15351 ✓ *Habia rubica amabilis* ♂ 194
brown | b, dark brown below | brown brown
- 15352 ✓ *Xiphorhynchus guttatus* (T.E.) ♂ 274
brown | bluish white, dusky at base above | l. b.
- 15353 ✓ " " " ♀ 267
- 15354 ✓ *Eucometis pencillata* (T.E.) ♂ 190
brown | dusky brown, pink below | dusky pink
- 15355 ✓ *Galbula rufoviridis* (T.E.) ♂ 232
brown | b. | olive
- 15356 ✓ *Trogoneris variegatus bolivianus* ♂ 256
brown | pale leaden blue | leaden

15357 ✓ *Curucujus m. melanurus* ♂ 328
brown | yellow | brown

[III]
* 15358 ✓ *Pipile comanensis grayi* ♀ 725
— | bluish white basally, black apically | pink blood
naked skin white

Boca Chapare, Aug 17.

All went out shooting. Mike went down river, shot
the Monkeys & 2 birds. Bert & I went up river, with good bag
& I went inside to Lagoon. Day hot & clear, with
light cirrus clouds, no wind. Finished at 6²⁰ P.M.
a record

15359 ✓ *Momomotus momota nattereri* ♂ 440
red | black | dirty dark brown

15360 ✓ *Piaya cayana obscura* ♂ 459
carmine | pale pea green | leaden blue.

15361 ✓ *Thamnaeophiles palliatus puncticeps* ♂ 175
gray | b, leaden blue below | l. b.

15362 ✓ " *doliatus radiatus* ♀ 172
straw | b, leaden blue below | l. b.

15363 ✓ *Thalurania forcata tschudi* ♂ 120
b | b

15364 ✓ " " " ♀ 108

15365 ✓ *Myrmotherola brachyura* ♀ 91
brown | b; bluish pink below | olive

15366 ✓

Hemitriccus diops

♀ 118

hazel | b, flesh below | l. b.

15367 ✓

Thamnophilus s. schistaceus

♂ 157

brown | b, leaden blue below | l. b.

15368 ✓

Hypocnemoides maculicauda

♂ 133

gray | b | l. b.

15369 ✓

"

"

♀ 137

— | b, l. b. below | —

15370 ✓

Myrmeciza atrathorax

♂ 154

hazel | b | l. b.

* 15371 ✓

Thryophilus leucotis guarayensis

♂ 140

hazel | b, l. b. below | l. b.

15372 ✓

"

"

"

(?) 140

15373 ✓

"

"

"

♂ 145

15374 ✓

Pyriglena leuconota

♀ 184

carmine | b, leaden blue below | l. b.

[23]

15375 ✓

Spiny Rat

♂

15376 ✓

Cranioleuca g. gutturata

♀ 152

straw | b, brown blue below | yellow olive

* 15377 ✓

Phlegopsis^{n.} nigromaculata

♂ 197

brown | eye skin red | black | b.

15378 ✓

"

"

"

♂ 196

15379 ✓

"

"

"

♂ 198

15380 ✓ *Callbula rufovirida* — ♂ 237
 brown | b. | yellow olive

15381 ✓ *Pipra fasciicauda* — juv ♂ 127
 white | b., purplish pink below | pale purple

15382 ✓ *Eucometis pencillata* — ♂ 189
 brown | brown brown, pink below | pink

15383 ✓ " " " ♀ 185

* 15384 ✓ *Sirystes sibilator* — ♂ 192
 brown | b. | b.

* 15385 ✓ *Dendroplex picus* — (?) ♀ 233
 brown | bluish white | yellowish olive

* 15386 ✓ *Dendrocolaptes corthia polyzonus* (?) ♂ 300
 brown | pale brown, brown blue below | blue leaden

15387 ✓ *Xiphorhynchus guttatus* — (T.E) ♂ 267
 brown | brown blue, dusky at base above | leaden

15388 *Turdus amaurochalinus* ♂ 240
 brown | yellow | brown blue

** 15389 ✓ *Turdus f. fumigatus* ♂ 235
 brown | blackish brown | dark brown

15390 ✓ *Attila b. bolivianus* (?) 220
 yellow | b., paler at base below | leaden

* 15391 ✓ *Chloronerypes leucolaemus australis* ♂ 215
 brown | b., pale brown below beneath | olive

8-1

X

[84]

**

15392 ✓ *Odontophorus marmoratus*

♂ 280

brown | b | leaden

[20]

15393 ✓ Howling Red Monkey

1260-634-146-49- ♂

[21]

15394 ✓

" " "

1300-588-142-42- ♀

[22]

15395 ✓ Big Squirrel [-T.S.] 490-228-66-34- ♂

Boca Rio Chapare, Aug. 18.

Mike stayed in to clean monkeys' feet & heads.

Berto & I went out. I went out the lagoon trail & got back at 10 AM with 15 birds, nothing new but Owl & Cactus Wrens.

Berto went up river, got in at

15396 ✓ *Phaethornis hispidus*

♀ 153

black, olive below basal $\frac{1}{3}$ | leaden15397 ✓ *Hypocnemoides maculicauda*

♂ 122

blue-gray | b, leaden below | l. b.

15398 ✓

"

"

♀ 136

— | b, leaden blue below | —

15399 ✓

"

"

♀ 130

15400 ✓

"

"

♀ 134

15401 ✓

"

"

♀ 133

**

15402 ✓ *Craspedoprion*

(T.E.) ♂ 172

brown | b, flesh below | olive-leaden

10-3

10-3

X

15403 ✓ *Thamnophilus palliatus puncticeps* ♀ 172
 straw | b, leaden blue below | l.b.

15404 ✓ *Formicarius a. analis* ♀ 203
 brown | b | dusky brown

15405 ✓ *Taraba m. major* ♂ 223
 carmine | b | leaden blue

15406 ✓ " " " ♀ 215
 — | b, leaden blue below locally | —

15407 ✓ *Pachyramphus polychropterus spixi* ♂ 158
 brown | l.b. | leaden

15408 ✓ *Tangara schranki* ♀ 131
 brown | b, leaden blue below locally | l.b.

15409 ✓ *Veniliornis affinis haematostigma* ♂ 188
 brown | b, bluish flesh below | leaden

15410 ✓ " " " ♂ 182

* 15411 ✓ *Hemithraupis g. guira* ♂ 139
 brown | yellow, ridge black | leaden

15412 ✓ *Chloranerpes leucolaemus australis* ♂ 210
 brown | b, brown blue below locally | olive

15413 ✓ *Eucometis pencillatus* ♀
 brown | brown brown, flesh below | flesh

11-3

11-3

X

[85]

* 15414[✓] *Heleodytes unicolor* ♀ 205
red | brown horn, fluff below | leaden horn

15415[✓] " " ♀ 212

15416[✓] " " ♀ 203

* 15417[✓] *Otus choliba* (red phan) ♂ 227
yellow | leaden blue, tip pale | fluff.

15418[✓] *Gymnoderus foetidus* ♀ 355
pale blue | leaden blue basally, tip black | leaden

* 15419[✓] *Ramphastos minilis inca* ♂ 634
brown | black, basal band & narrow ridge olive yellow,
base of mand. blue | coral blue.

15420[✓] *Myrmeciza atrathora* ♀ —
brown | b, leaden blue below | l.b.

15421[✓] " " ♀ —

** 15422[✓] *Titia inquisitor pelzelni* ♂ 210
brown | b, leaden blue below | leaden

15-4

Boca Chapare, Aug 19.

Nike went down river & got the 2 Perotes,
the Gorse, the Hawk, the Ortalis & Squirrel.
Berto & I went across the river. I got the 3
small leaved Monkeys & the Mitu. Berto got
the Tinamou & 2/3 of small birds.

Rain yesterday afternoon & during night. ^{early} Morning
cloudy, afterward clear & hot, with drifting clouds.

- * 15423 ✓ *Charadrius collaris* ♀ 160
brown | b. | pink
- 15424 ✓ " " ♂ 165
- 15425 ✓ *Pipra fasciicauda* ♀ 129
brown | black, bluish pink below | leaden
- * 15426 ✓ *Basilopterus auricapillus viridoscens* ♂ 138
brown | blackish, pale brown at base below | brownish yellow
- 15427 ✓ *Hypocnemoides maculicauda* ♂ 136
brown | b., leaden blue | l.b.
- 15428 ✓ " " ♂ 132
- 15429 ✓ *Hemitriccus diops flammeolatus* ♂ 130
brown | b., pink below | l.b.
- 15430 ✓ *Thryophilus leucotis guarayanus* ♀ 134
brown | b., bluish pink below | l.b.
- 15431 ✓ *Myiameiza atrathorax* ♂ 148
brown | b. | l.b.
- 15432 ✓ " " ♀ 150
— | b., leaden blue below —
- 15-4

**

15433 ✓

Thamnophilus

1?

♂ 152

gray | b, leaden blue below | l. b.

15434 ✓

"

"

♀ 150

15435 ✓

Pyriglena leucogota

carmine | b, leaden blue below | leaden black ♀ 177

* 15436 ✓ *Xenops rutilans connectens* (T.E.) ♂ 130
brown | bl, flab below | leaden* 15437 ✓ *Tanagra c. chrysopasta* ♀ 115

brown | b, leaden blue below | l. b.

15438 ✓

Tolmomyias sulphurescens assimilis ♂ 148

gray | b, flab below | l. b.

* 15439 ✓ *Ortalis guttata subaffinis* ♀ 510

brown | blackish basally, leaden blue apically | leaden drab

* 15440 ✓ *Cryptocellus v. undulatus* ♂ 345

brown | b, pale below dorsally | yellowish drab

** 15441 ✓ *Slate Colored Hawk (red skin in head)* ♂ 440yellow | black | accented with yellow all around eyes & feet
narrower, claws black* 15442 ✓ *Neochen jubata* ♂ 620

brown | b, reddish flab below | bright any pink

[24]

15443 ✓

Squirrel (small sp.)

345-170-47-24-♂

[25]

15444 ✓

Coatimundi

745-405-87-43 - ♀

22-7

(black one)

22-7

X

- [26] ✓
15445 Coatimundi 995-434-90-40 ♀
- [27] ✓
15446 Cebus Monkey 595-325-87-42-♂
- [28] ✓
15447 Small Headed Monkey 685-375-84-37-♂
(white tail)
- [29] ✓
15448 " " " 685-420-90-40-♀
- [30] ✓
15449 " " " 616-340-77-35 ♂ im
- * [112] ✓
15450 Mitu mitu. ♀ 570
brown \ crimson \ dull pinkish

Boca Chica, Aug. 20

Clear morning & hot day, but with quite a breeze & heavy cumulus clouds in P.M.
Mike stayed in to fix mammal feet & skulls from yesterday. Bert & I worked on our side of river, for up stream & I in to ship loggers.

- 15451 ✓ Phaethornis hispidus ♂ 165
b, dusky yellow below basal 2/3 | leaden
- * 15452 ✓ Perisotriccus caudatus ♀ 75
brown \ b, flared base especially below | dusky flared
- 15453 ✓ Campsorthypis pit. - melanogyps ♀ 113
brown \ b, yellow below | yellowish brown
- 15454 ✓ Cnemotriccus fuscatus ♂ 133
brown \ b, flared below | leaden black

24-7

24-7

X

[87]

✓ 15455 *Myrmeciza atrothorax*

♀ 152

brown | b, leaden blue below | pal leaden blue

✓ 15456 *Thryophilus leucotis guarayensis*

♀ 132

hazel | b, bluish flab below | l. b.

✓ 15457 *Dendroclaptes certhia polyzonus* (T.E.) ♂ 295

brown | dusky brown, blackish broadly, brown blue below | leaden olive

✓ 15458 *Tachyphonus l. luctuosus*

♀ 137

brown | b, mand. & n. leaden blue | l. b.

✓ 15459

" " "

♀ 140

✓ 15460

" " "

(T.E.) ♂ 144

* 15461 *Sittasomus g. griseicapillus*

♀ 165

brown | b, leaden blue below | leaden

* 15462 ✓ *Pitangus l. lictor*

♀ 200

brown | b | b

✓ 15463 *Pipra fasciicauda*

juv ♂ 131

white | b, purplish blue below | pal pur. pl.

✓ 15464 *Tanagra chrysopasta*

♂ 118

brown | leaden blue broadly & below, with black | leaden

✓ 15465

" "

♀ 119

✓ 15466 *Pachyrhamphus polychropterus spixi*

♂ 167

brown | b, base & lower mand. flab. | leaden

26-7

26-7)

X

15467 ✓ *Tangara chilensis* (T.E.) ♂ 150
brown | b | leaden

* 15468 ✓ *Tripsurus cruentatus* ♂ 215
yellow | b | blue

15469 ✓ *Chloroceryle leucolaemus australis* ♂ 220
brown | b, from blue below basally | blue

15470 ✓ "Hawk" (=No. 15441) ♀ 490
yellow | black, cere & naked skin vermilion | vermillion

15471 ✓ " " " ♂ 450

15472 ✓ *Cryptorellus undulatus* ♂ 330
brown | black, flesh below markedly | yellowish black

* [113] ✓ 15473 *Ara chloroptera* ♀ 848
straw | flesh, lower abdomen & mand black | black

28-7)

Boca Chiriqui, Aug 21

Left Mike to finish up odd jobs. Boats & I took canoe & went up Rio Chiriqui (Ichilo-Chiriqui) about 2 miles, left canoe & walked about 1 1/2 miles further up the beach to an old river (some lagoon). Found nothing at all there except 8 Scaup, too short. Tried to shoot a Porpoise (a school of 5 in river) but failed. The jungle alongside lagoon impossible to walk so we came home. A stiff head wind making hard work & Boats very "green" at paddling, making it hard in river in stream. Saw a pair of Horned Screeworms in dry ditch, but not back. Got home at noon, all in, from sun & paddling.

In P.M. stuffed hawk left from yesterday, a Spring Rat, & wrote labels.

X

[88]

28-7

Boca Chapare, Aug 22 (Sunday)

All hands out shooting today, Berto up river, Mike down & I in along east shore lagoon.

Did not find many birds there, but was lucky to get into a swarm of Humming birds, where I got most of my Ant Birds, 13 for me. Berto got in at 12³⁰ with only 9 birds.

15474[✓] *Basileuterus auricapillus viridescens* (T.E) ♂ 135
brown | black, dark brown below | brownish yellow

15475[✓] " " " (T.E) ♂ 134

15476[✓] " " " (T.E) ♂ 137

15477[✓] *Hypocnemoides maculicauda* ♂ 132
blue-gray | black, leaden below | leaden blue

15478[✓] *Pyriglona leuconota* — ♂ 190
red | br | leaden

15479[✓] " " " ♂ 182

15480[✓] " " " ♀ 180
— | br, leaden blue below | leaden blue

15481[✓] " " " ♀ 180

15482[✓] *Phlegopsis nigromaculata* ♀ 182
dark red | br | leaden

15483[✓] " " " ♂ 197

15484[✓] *Eucometis penicillata* ♂ 186
brown | brown brown, flesh below | dusky flesh

28-7

28-7

X

15485 ✓ *Attila boliviana* ♂ 223
yellow | blackish brown, pale below | leaden

15486 ✓ *Dendroplex picus* ♀ 220
brown | white | olive

15487 ✓ *Turdus f. fumigatus* ♂ 228
brown | blackish | dark brown

15488 ✓ *Thryophilus leucotis guarayanus* ♀ 132
brown | b, bluish pink below | l. b.

15489 ✓ " " " ♂ 140

15490 ✓ *Xenops rutilus caninifrons* ♀ 125
brown | b, pink below | leaden

15491 ✓ *Hemittharpis g. guira* ♀ 135
brown | black, Tarsus and yellow | l. b.

* 15492 ✓ *Tanagra lanirostris* ♂ 122
brown | b, leaden brown below, r. black | leaden

15493 ✓ *Pachyramphus p. leucopterus spixi* ♀ 165
brown | black, pink below | leaden blue

15494 ✓ *Chloronotus leucolaemus australis* ♂ 215
brown | b, bluish brown | olive

** 15495 ✓ *Milvaga chimachima* ? 415
brown | pale brown blue | pale drab.

[31]

15496 ✓ Black Big "Weasel" 1010-414-109-414 ♀

30-8

[114]

15497 ✓ *Neochen jubata*

♀ 585

brown/black, purplish flesh below pink

Boca Chapare, Aug. 23.

Rain during night. Morning very dark, but not raining. Left Mike Tr. label & wrap dried. Berta & I went shooting, to upriver & 3 Tr. Lagoons. So dark in forest that nothing could be seen. About 10 AM. started to rain & I had rain all the way back. Reached home at 11 AM. Berta got in first shot. He had the 3 parrots & 1 *Turdus*.

15498 ✓ *Myiomeciza atrathorax*

♂ 147

brown/black, lustrous lilac blue below l. b.

15499 ✓ *Thryophilus leucotis guarayanus*

♂ 133

hozel/b, leaden blue below l. b.

15500 ✓ *Crematichus fusatus*

♂ 138

brown/b, flesh below/b.

15501 ✓ *Formicarius a. analis*

♂ 208

brown/b | dusky horn

15502 ✓ *Turdus f. fumigatus*

♂ 232

brown/b, dark horn below | black horn

15503 ✓

" " "

♂ 234

15504 ✓ *Alouatta marmota nattereri*

♂ 425

red/black/blackish horn

*

15505 ✓ *Ceryle janda*

♂ 249

31-81

brown/black/blackish

31-8

X

* 15506 ✓ *Aratinga leucophthalmus callogadus* ♀ 338
 hazel / brownish gray / dirty white

15507 ✓ " " ♂ 355

* 15508 ✓ *Amazona farinosa inornata* ♀ 425
 orange-red / bluish white, under gray / dirty blue

Boca Chica, Aug. 24

Yesterday P.M. cloudy, but no rain, except a few sprinkles. Keep on working inside. Went out last night with headlight but saw nothing at all. Very poor here for night work, no open places on trail, only plateau. During night wind came up from south, cold. The morning cold & cloudy & windy. Mike went out on the slope & Bert & I arrived mine, but saw no big bird. Went back at 11¹⁵ with 25 (He 14, 3, 11).

✓ 15509 *Hemitriccus diops flammulatus* ♂ 130
 brown / t, flut. brown / l. b.

✓ 15510 *Neopelma aurifrons* ♀ 141
 straw / t, leaden blue below

✓ 15511 *Hypocnemoides maculicauda* ♂ 133
 blue-gray / t, tannae leaden blue / l. b.

✓ 15512 *Myrmeciza atrathorax* ♂ 151
 brown / t / l. b.

32-8

- 15513 ✓ *Thamnophilus* (?) (gray) ♂ 154
gray above | b, l.b. below | l.b.
- 15514 ✓ " " " ♀ 150
- 15515 ✓ *Thamnophilus palliatus puncticeps* ♀ 172
straw | b, leaden blue below | bright l.b.
- 15516 ✓ *Pyrgilena leuconota hellmayri* ♂ 190
red | b | b
- 15517 ✓ *Taraba m. major* ♀ 218
carmine | b, leaden blue below locally | l.b.
- 15518 ✓ *Thryophilus leucotis guarayanos* ♂ 139
hazel | b, bluish pink below | l.b.
- * 15519 ✓ *Synallaxis gujanensis cethia* ♀ 161
brown | b, leaden blue below | pale bluish horn
- 15520 ✓ " " " ♂ 167
- ** 15521 ✓ *Thripophaga f. fusciceps* ♀ 190
pale hazel | bluish white, pink below | yellow line
- 15522 ✓ " " " ♀ 185
- 15523 ✓ " " " (T.E.) ♂ 189
- 15524 ✓ " " " ♀ 189
- * 15525 ✓ *Furnarius leucopus torridus* ♀ 194
red. brown | pink, blackish locally above | pink

15526 ✓ *Sittasomus q. griseicapillus* ♀ 163
brown | b, leaden blue below | leaden

15527 ✓ *Galbula rufoviridis* — ♀ 229
brown | b | olive

15528 ✓ *Pachyrhamphus polychropterus spixi* ♀ 158
brown | blackish, flesh below | leaden

15529 ✓ *Heleodytes unicolor* ♂ 212
pale hazel | blackish brown | blue below | brown blue

15530 ✓ " " ♀ 202

15531 ✓ " " ♂ 216

* 15532 ✓ *Cyanocorax chrysops* ♂ 362
yellow | b | b

♂ 362

15533 ✓ " " "

15534 ✓ *Hypocnemis maculicincta* ♀ 136
blue gray | b, leaden blue below | b.

15535 ✓ *Basilanteus auricapillus viridescens* ♀ 130
brown | blackish, brown below | yellow, tip.

15536 ✓ *Craspodapria* (broadbill) ♂ 158
gray | b, flesh below | leaden

15537 ✓ *Pipra fasciicincta* ♂ 119
pale | leaden blue dorsally & below, rest black | leaden

15538 " " ♂ 123

36-9

X

[91]

15539 ✓ *Chloronotus leucolaemus australis* ♀ 212
brown | black, brown blue below locally | blue

15540 ✓ *Cacicus cola* ♂ 285
blue | pale pea green | blue

15541 ✓ *Amazilia farinosa inornata* ♀ 428
orange brown | pale bluish brown, yellow patch at base
on underparts | dirty olive

[115] ✓
15542 *Ara chloroptera* ♂ 870
yellow | white, black below | black

(33) ✓
15543 *Cebus* _____ 765-376-114-46 ♀

(34) ✓
15544 " " 622-343-97-37 ♀ min

[32] ✓
15545 Big Squirrel 512-250-63-30 ♂

Boca Chaparra, Aug 25

Wish. Found in 7 fix monkeys & scrap with Butte &
Gerard. Rio Churru, short up along shore (thickets of reeds)
like been in "Sociol" grass, then into forest back of hunter
camp, Back at 12:30.

* [118] ✓
15546 *Rhynchops nigra cinerascens* ♂ 492
brown | yellowish brown locally, black apically | scarlet

* ✓
15547 *Phaetusa simplex chloropoda* ♂ 410
brown | yellow | greenish yellow

15548 ✓ " " " ♀ 390

38-9 [119] ✓
15549 " " " ♀ 382

15550 ✓ *Trogonus variegatus bolivianus* ♀ 254
brown | black, leaden blue | leaden

* 15551 ✓ *Myiophobus m. menetriesii* ♂ 100
brown | b, leaden blue | l.b.

15552 ✓ " " " ♀ 102
— | b, leaden blue below | —

* 15553 ✓ *Formicivora rufa rotata* ♂ 144
brown | b | l.b.

15554 ✓ " " " ♀ 140
— | b, leaden blue below | leaden

15555 ✓ *Myiocciza atrathorax* ♀ 154
brown | b, leaden blue | leaden blue.

** 15556 ✓ *Myrmochanes hemiteucus* ♂ 180
brown | black | leaden

15557 ✓ " " " ♀ 168
— | b, pale leaden blue below | —

** 15558 ✓ "Flycatcher" ♀ 118
brown | b, pink below | black

15559 ✓ *Basileuterus* ♀ 133
brown | b, dark brown below | brownish yellow

* 15560 ✓ *Idioptila rothschildi albopectus* (T.E.) ♂ 127
straw | b, pink at base below | leaden

**

15561 ✓ *Synallaxis*

♂ 170

pale hazel | blackish, bluish, fluff below | olive

15562 ✓

"

"

(♂) 169

15563 ✓

Thamnophilus delicatus

♂ 167

yellow | b, leaden blue below | b. b.

15564 ✓

"

"

"

♀ 175

* 15565 ✓

Fluvicola pica albiventer

♀ 136

brown | black | b.

15566 ✓

"

"

"

♂ 142

15567 ✓

Pyrocephalus r. rubinus

♀ 137

brown | b | b.

* ↓

✓

15568

Coryphospingus cucullatus

♂ 146

brown | b, bluish fluff below | blackish brown

✓ (Cassidix rufa?)

15569

Brown Cotinga, pale yellow belly

♂ 185

brown | fluff barely, black apically | b.

15570 ✓

Saltator maximus

♀ 218

brown | b, leaden blue, below, tip black | leaden brown

* 15571 ✓

Picumnus albasquamatus

♂ 102

brown | b, brown blue below barely | leaden blue

15572 ✓

"

"

♀ 105

15573 ✓

"

"

"

juv? 104

brown | olive, ridge black |

47-12

X

15574 ✓ *Tolmomyias sulphorescens assimilis* ♂ 142
gray brown | b, | pink below | leaden blue

15575 ✓ *Chloroneryx leucolaemus australis* ♀ 214
brown | black, brown blue below | basally | blue

Boca Chica, Aug 26

Went down river, + got the 2 Ravens + Rail
Bait. + I went across the Rio Chiriqui. I went
the distance in the "Guanabana" grove + Berta went
up river to fruit. Back at 12 o'clock.

15576 ✓ *Myiarchus t. tuberculifer* ♂ 183
brown | b | b.

15577 ✓ *Myiarchus poliopterus fereci* ♂ 210
brown | b | b.

[116]

15578 ✓ *Pipile cumanensis grayi* ♀ 700
brown | bluish white basally, black apically | pink | black
throat bluish white, blue along sides.

[117]

15579 ✓ " " " ♀ 715

15580 ✓ *Thalassidroma furcata zschodi* ♂ 115
b | b

15581 ✓ " " " ♂ 115

15582 ✓ *Todirostrum l. latirostre* ♂ 112
brown | b | pale bluish flesh

* 15583 ✓ *Synallaxis albescens australis* (P) 160
hazel | b, bluish flesh below | dull blue

48-12

48-12)

X

[93]

15584 ✓ *Synallaxis albescons australis*

♂ 157

15585 ✓

"

"

"

♂ 157

15586 ✓ *Formicivora rufa rufatra*

♂ 155

brown | b | leaden

15587 ✓

"

"

"

♂ 153

15588 ✓

"

"

"

♀ 145

15589 ✓ — | b, leaden blue below | —
" " "

♀ 148

15590 ✓ *Hypocnemoides maculicauda*

♂ 132

blue-gray | b, ~~tan~~ leaden blue | leaden blue

15591 ✓

"

"

♀ 133

— | b, leaden blue below | —

15592 ✓ *Myrmecobates hemileucus*

♂ 178

brown | black | leaden blue

15593 ✓ *Sittasomus g. griseicapillus*

(T.E) ♂ 172

brown | b, leaden blue below | l. b.

15594 ✓

"

"

"

♀ 155

15595 ✓ *Pyriglena leucorota hellmayri*

♂ 192

red | b | blackish brown

15596 ✓ *Geothlypis aquietialis velata*

♀ 138

brown | b, pink below dorsally | dusky brown

48-12)

15597 ✓ *Troglodytes musculus rex*

♀ 128

brown | b, leaden below | dusky brown

48-12

X

✓ 15598 *Troglodytes musculus* (re x ?) (3) 124

(Venter tail coverts spotted with black & white)
brown | b, blackish blue | dusky brown

✓ 15599 *Picumnus albosquamatus* ♀ 100

brown | b, leaden blue at base below | leaden blue

✓ 15600 " " ♀ 105

** 15601 ✓ *Entotriccus striaticeps* [No!] ♂ 160

brown | b, leaden blue below basally | b.

✓ 15602 *Muscisaxicola fluxiatilis* ♂ 140

brown | b, dusky flabber at base | b.

✓ 15603 *Arremonops cajana* ♂ 415

red | yellowish brown basally, olive green spirally, | pink

✓ 15604 *Picurus meistrus* ♂ 292

brown | black, red spot on each side | dirty olive

✓ 15605 " " (T.E.) ♂ 265

✓ 15606 *Pitangus sulphuratus maximiliani* ♀ 235

brown | b | b

✓ 15607 *Turdus f. fumigatus* ♂ 238

brown | b | blackish brown

49-13

Boca Chaparra, Aug 27

Fine clear day, but with strong wind from about 9³⁰ on. Bert went far up River, Mike down & I went in to lagoon & far up along shore to where St. Teresa north, but found little game. We were all looking for Crayx selatus, Psophia leucogaster & Tyrannus serratus, all known to be here, but we all failed to get any of them. Mike got nothing. I got the Columba & 5 Cranioleuca. Bert got the balance. We got in at 12³⁰.

15608 ✓ Columba subvinacea ————— ♀ 325
gray | b | purplish blood

15609 ✓ Big Squirrel 510 - 260 - 63 - 31 - ♀

15610 ✓ Oreopelaea montana ♂ 242
hazel | purplish red, tip brown | purplish blood

* 15611 ✓ Eurypygia h. helias ♂ 495
red-brown | b, brownish yellow below | brownish yellow

15612 ✓ Ortalis guttata subaffinis ♂ 490
brown | leaden, paler below | leaden brown

** 15613 ✓ Dromococcyx phasianellus ♀ 385
brown | b, black fluff below | leaden brown

15614 ✓ Fornicarius a. analis ♀ 207
brown | b | pale brown

** 15615 ✓ Cranioleuca (?) ♀ 147
hazel | blackish brown, fluff below, tip dusky | yellowish brown

54-15

- 15616 ✓ *Cranioleuca* ♂ 162
- 15617 ✓ " " ♀ imm 47
- 15618 ✓ " " ♂ 162
- 15619 ✓ " " ♀ 154

(1050 species)

Boca Chaparra, Aug 28

The launch was supposed to arrive today, so we did not go shooting. In forenoon I wrote up labels while the boys labelled & wrapped the specimens. After lunch I posted up all the birds on cards & then we went swimming in river for fish, in the shallows around the big sand bar at mouth of river. Got quite a few species different from Toda Santos.

Day partly cloudy, with a slight shower about 4 P.M. Launch did not arrive, either from above or below.

Boca Chaparra, Aug 29.

Morning cloudy & threatening rain, with thunder in the north. Nevertheless we all went shooting. Berts up river, Mike down & I in to lagoon. It rained a little, then broke up, with a cool south wind. I returned at 11, with 4 rumpless *Odonotophanes*, *Gymnoderus*, *Chrysomitris* & 5 small birds. Shot & lost a new bird, probably a *Not. harrisi*, also saw a *Tinamus*, an *Agouti* & a "Badger", also troops of yellow monkeys.

54-15

[95]

[36]

15620 Rat (Big Peromyscus?) 282-144-28-16-♂15621 Thamnophilus sischistaceus ♀ 152
gray/b, leaden blue below \ l.b.15622 Taraba m. major ♂ 218
carmine \ b \ l.b.15623 " " " ♀ 212
— \ b. leaden blue below \ —15624 Habia rubica amabilis ♀ 182
brown/black, tip dusky yellow \ yellowish brown15625 Attila b. boliviana ♀ 215
yellow \ b, dusky brown at base below \ l.b.15626 Odontophorus marmoratus ♂ 280
brown \ b \ leaden15627 Gymnodoris foetidus ♀ 350
gray-blue \ leaden blue laterally, black apically \ leaden15628 Curucujus m. melanurus ♂ 326
brown \ eyelid pink \ bill yellow \ dirty brown.

[37]

15629 Small Headed Monkey 736-417-93-31-♂

[38]

15630 " " " 648-358-85-29-♀

[39]

15631 " " " 667-377-83-29-♂

[40]

15632 " " " 600-342-79-33-♀

54-15

54-15

[41]

15633 Nocturnal Monkey 657-333-102-36 ♀

15634 Coleus (= Tod Sant. yellow spec) ♂ 273
dark red | yellow, olivaceous basally | leaden

15635 Dendrocolaptes certhia polyzonus ♀ 280
brown | pale bluish tan, blackish at base above | leaden chin

15636 " " " (T.E.) ♂ 295

15637 Dendrocincla fuliginosa striatostriis ♂ 231
brown | blackish, pale brown across middle below | leaden

15638 " " " ♂ 228

56-16

	Total Skins	Additional species	new to Coll.	main mass
Todos Santos	1643	404	88	40
Boca Chapare	291	56	16	22
	1934	460	104	62

107 species of birds taken at Boca Chapare

(91 species taken at Todos Santos, ~~not~~ taken at Boca Chapare)
(43 " " " Boca Chapare, also taken at Todos Santos)
(8 " " " " " " " at Palmar)

Boca Chapare, Aug. 30

Packed up today. Tomorrow we leave for Todos Santos

Aug. 31 to Sept 6.

Left Boca Chapare morning of 31st & reached Todos Santos at 1 P.M. on Sept. 6th.

Travelled in large canoe, with 6 paddlers & steersman, all Guaraní Indians. Clear weather all way except a shower night of Sept 2nd & heavy rain night of Sept 5th (at Mission San Ant.)